

[LND]

italian lighting
for outdoor aesthetics

general catalogue 2019

1.28 sec.

la velocità
che impiega la #luce
dalla #luna ad arrivare
sulla #terra.

[is the time that the #light
takes to get from the #moon
to the #earth.]

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454	morphis_3		

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BY FAMILY

BEAM

WALL LAMPS



152, 156
beam



154, 158
beam

BRICK LIGHT

WALL RECESSED



96
brick light



96
brick light



98
brick light



98
brick light



104
brick light_as

KAMI

WALL LAMPS



166
kami_1



168
kami_2



272
kami_1



274
kami_2

KUBS

WALL LAMPS



176, 178, 180
kubs

BOLLARDS



368, 370, 372
kubs

LAKO

WALL LAMPS**188**

lako

BOLLARDS**380**

lako

LYRAS

WALL LAMPS**196, 200**

lyras 80

**206, 210**

lyras 130

CEILING LAMPS**280, 284**

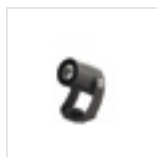
lyras 65

**290**

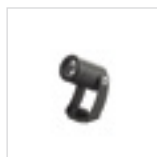
lyras 80

**296**

lyras 130

PROJECTORS**336**

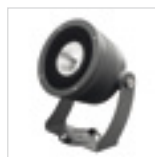
lyras 35

**340**

lyras 45

**346, 348**

lyras 65

**354, 358**

lyras 160

MIRA 45 LT

FLOOR RECESSED**42**

mira 45 LT

**112**

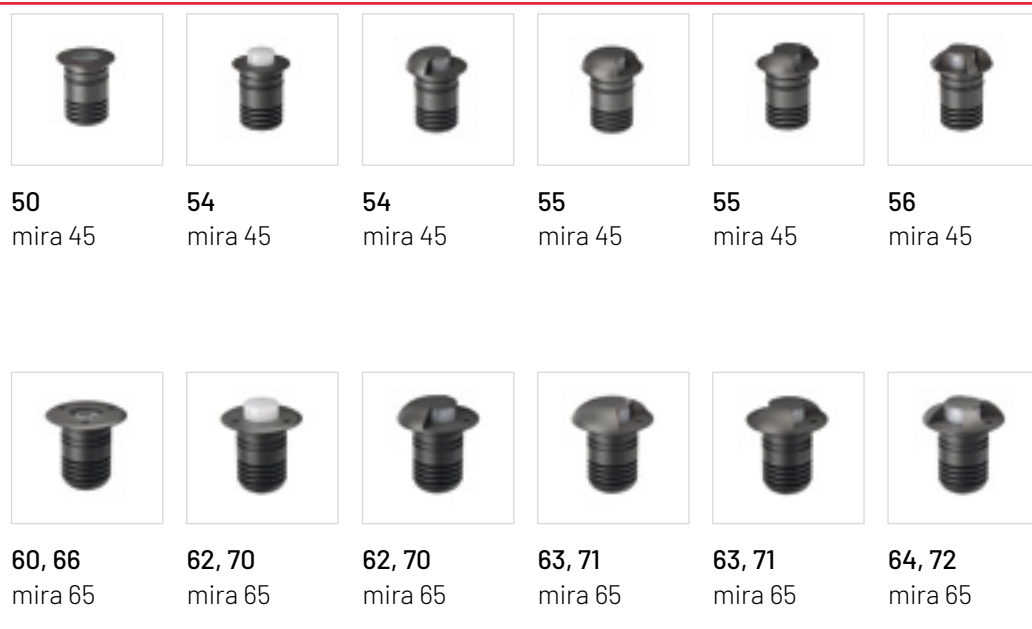
mira 45 LT

index

BY FAMILY

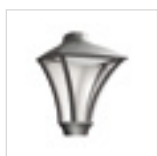
MIRA

FLOOR RECESSED



MORPHIS

WALL LAMPS



218
morphis_1



224
morphis_2



230
morphis_3



234
morphis_4

CEILING LAMPS



304
morphis_4

PENDANTS



322
morphis_3



328
morphis_4

BOLLARDS



388
morphis_1

POLES



446
morphis_1



452
morphis_2



456
morphis_3



462
morphis_4

NEWAY

BOLLARDS



396
neway

index

BY FAMILY

OKO

WALL LAMPS



242
oko

BOLLARDS



404, 406
oko

POLOS

WALL LAMPS



250
polos_1



252
polos_2

BOLLARDS



414
polos_1



416
polos_2

POLES



470
polos_2

TITANO

BOLLARDS



424
titano



426
titano_inox

TUBO

WALL LAMPS

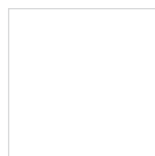


260
tubo

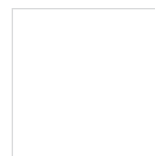


262
tubo

CEILING LAMPS

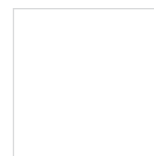


310
tubo

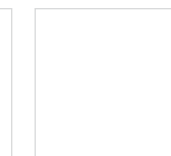


312
tubo

BOLLARDS



434
tubo



436
tubo

WALL MIRA

WALL RECESSED



120
wall mira 45



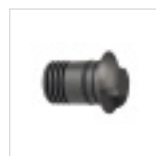
122
wall mira 45



122
wall mira 45



123
wall mira 45



123
wall mira 45



124
wall mira 45



130, 136
wall mira 65



132, 140
wall mira 65



132, 140
wall mira 65



133, 141
wall mira 65



133, 141
wall mira 65



134, 142
wall mira 65

[#Simplicity,
carried to the extreme,
becomes #elegance]

La semplicità portata all'estremo,
diventa eleganza.

Jon Franklin

Landa Illuminotecnica nasce e cresce a Lumezzane, Brescia, fiorente area del Nord Italia conosciuta per il suo forte spirito imprenditoriale che, negli anni, l'ha portata a distinguersi in diversi settori produttivi e industriali.

EN *Landa Illuminotecnica was founded and grew up in Lumezzane, Brescia, a thriving area of Northern Italy known for its strong business drive that, over the years, led the Company to stand out in several production and industrial sectors.*

who
we
are

Presente sul mercato della luce dal 1987, Landa si è affermata con la sua ampia gamma di lampade da esterno per il settore residenziale, non solo su scala europea ma, in maniera preponderante, anche a livello internazionale.

L'intera produzione avviene all'interno degli stabilimenti di Lumezzane, consentendo così un costante monitoraggio di tutte le fasi produttive, dall'ideazione al collaudo, fino al momento della spedizione.

L'azienda vanta al suo interno un'equipe di progettazione altamente qualificata che non solo riesce a soddisfare le esigenze presentate dalla clientela, ma è anche attenta ad anticipare i nuovi bisogni ed i nuovi trend del gusto, affiancando poi il cliente anche nella fase successiva all'installazione.

Tutto ciò, negli anni, ha permesso una continua crescita in quello che è uno dei mercati più competitivi al mondo, quello del lighting.

EN *Present on the light market since 1987, Landa has established itself with its wide range of outdoor luminaires for the residential sector, not only at European level but also and primarily at international level.*

The entire production takes place in its plants in Lumezzane, thus allowing constant monitoring of all process steps, from conception to testing, up to the time of shipment.

The company boasts a highly qualified design team that not only manages to meet the needs of the customers, but is also committed to anticipating new needs and new trends, and assisting the customer in the post installation phase.

Over the years all this has allowed a continuous growth in what is one of the most competitive markets in the world, the lighting market.

01. 1987

Nasce Landa Illuminotecnica, azienda produttrice di apparecchi lighting per l'outdoor del settore residenziale.

EN *Landa Illuminotecnica is founded as a manufacturing company of lighting fixtures for outdoor use in the residential sector.*



02. 1990

Vede la luce Serie Onion, il primo prodotto icona di Landa.

EN *Launch of the Onion Series, Landa's first iconic product.*

03. 1997

Avviene l'implementazione interna degli impianti di produzione e verniciatura negli stabilimenti Landa.

EN *Internal implementation of the production and painting systems in the Landa factories.*



04. 2002

Nasce Serie Ibis, prodotto che segna il successo dell'azienda nei primi anni 2000.

È in quest'anno che Landa partecipa per la prima volta a Light+Building, importante fiera internazionale di settore che si svolge nella città tedesca di Francoforte, ed EuroLuce (Milano), dove sarà presente poi in ciascuna delle edizioni successive.

EN *Launch of the Ibis Series, a product that marked the company's success in the early 2000s. In 2002 Landa participates for the first time in Light+Building, an important international specialist trade fair held in Frankfurt (Germany), and in EuroLuce (Milan), where it will become a constant presence in each of the subsequent editions.*



05. 2007

Grazie ad un importante progetto di ampliamento produttivo e aziendale, la struttura architettonica sede della Landa arriva a misurare da 3.000 a 10.000 m².

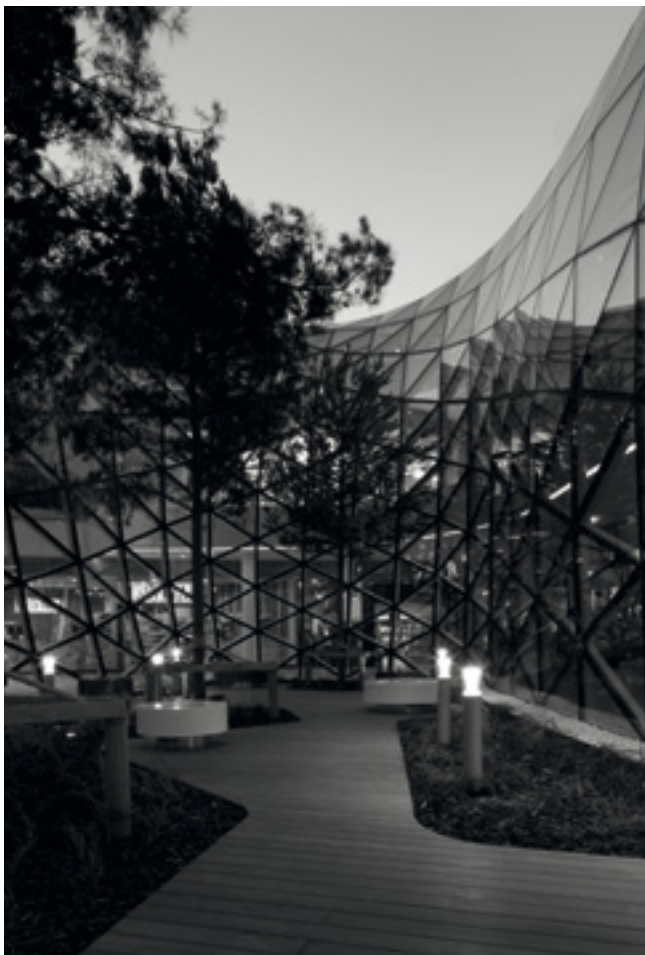
EN *Thanks to a major project aiming at expanding production and business, the architectural structure of the Landa headquarters increases to 10,000 from the original 3,000 square meters.*



06. 2011

La rivoluzione del LED amplia il catalogo e la gamma prodotti Landa.
Si sviluppa Morphis, il nuovo apparecchio icona.

EN *The LED revolution expands the Landa catalogue and product range.
Morphis is the new iconic luminaire.*



07. 2012-2014

Hanno inizio le importanti collaborazioni internazionali. Nei tre anni successivi saranno, tra i player principali, Germania, India e USA a determinare il successo di Landa all'estero, al di fuori dei confini nazionali.


EN *Important international collaborations start. In the following three years, Germany, India and the USA are among the main players that determine the Landa's abroad success, beyond national borders.*

08. 2015

Nuovo completamento della gamma con prodotti da incasso.

EN *New completion of the range with built-in products.*





09. 2018

L'anno della consapevolezza.
Per continuare a essere un punto di riferimento nel settore, si amplia la vision dell'azienda con l'inserimento della figura di un Art Director: nuovi prodotti, nuovi progetti, stesso marchio di fabbrica. L'eccellenza Landa cresce e si sviluppa verso nuovi orizzonti.

EN *The year of awareness.
To continue to be a reference in the sector, the company vision is expanded with the inclusion of an Art Director: new products, new projects, the same trademark.
Landa excellence grows and develops towards new horizons.*

Landa Illuminotecnica fa parte del **Gruppo Bugatti La San Marco S.a.p.a.**, importante realtà nata dall'intraprendenza delle nuove generazioni della famiglia, le quali hanno saputo evolvere quella che era la società Bugatti, nata nel 1923 e operante nel settore della posateria e degli articoli di arredamento.

Bugatti Group

EN *Landa Illuminotecnica is part of the Bugatti La San Marco S.a.p.a. Group, an important reality born from the initiative of the family new generations, who have allowed the evolution of the original Bugatti Company, founded in 1923 and operating in the field of cutlery and furnishings.*



01. AIGNEP S.p.A.



Conessioni, innesti automatici, automazione, rete di aria compressa e valvole per fluidi. Cinque divisioni diverse di prodotti per affrontare le sfide del mercato nazionale ed internazionale. Eccellenti soluzioni nella tecnologia dei fluidi.

EN *Connections, automatic couplings, automation, compressed air network and valves for fluids. Five different product divisions to meet the challenges of the national and international market. Excellent solutions in fluid technology.*



02. LANDA ILLUMINOTECNICA S.p.A.

LANDA®

Landa, presente sul mercato dal 1987, produce lampade da esterno a livello europeo e internazionale. Offre ai suoi clienti la possibilità di realizzazioni personalizzate.

EN *Landa has been on the market since 1987 and produces outdoor luminaires at European and international level. It offers its customers the possibility of customized items.*

03. ILCAR di BUGATTI S.r.l.

BUGATTI
ITALY

L'azienda della famiglia Bugatti nasce nel 1923: progetta e realizza prodotti per la tavola e accessori per la cucina, posate e piccoli elettrodomestici con una forte carica innovativa e un design originale e sofisticato.

EN *The Bugatti Company was founded in 1923: it designs and manufactures tableware and kitchen accessories, cutlery and small appliances with a strong innovative boost and an original and sophisticated design.*

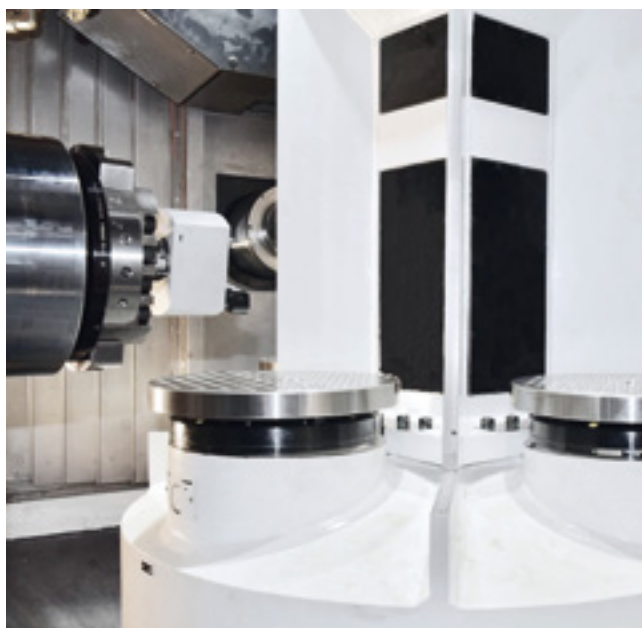


04. PICCHI S.r.l.

PICCHI
1923

Picchi costruisce macchine speciali ad elevata e sofisticata tecnologia, capaci di risolvere ogni tipo di problematica produttiva e soprattutto di soddisfare le esigenze della clientela.

EN *Picchi manufactures special machines with high and sophisticated technology that can solve any type of production problems and, above all, meet the needs of its customers.*



Definire l'architettura esterna, valorizzarla, personalizzarla, trasformarla.

Luce per ambienti outdoor che si integra con l'architettura, rende vivibili gli spazi, dona loro **volume e forma**, quando necessario **atmosfera ipnotiche** o rilassanti, rese possibili da una **tecnica impeccabile**.

Un'illuminazione intelligente, ragionata, programmata.

Nulla è lasciato al caso, in dialogo perenne con la luce naturale.

Progetti illuminotecnici perfetti, grazie alla possibilità di prevedere un controllo di gestione che rende ottimale anche il più semplice dei prodotti.

EN *Defining, enhancing, customizing and transforming external architecture.*

Outdoor light that integrates with the architecture, makes the spaces livable, gives them volume and shape, sometimes with hypnotic or relaxing atmospheres, made possible by an excellent technique.

Intelligent, reasoned, programmed lighting. Nothing is left to chance, in continuous dialogue with the natural light. Perfect lighting designs, thanks to the possibility of providing a management control that makes even the simplest of products optimal.

Design, linee pulite, semplici.

Forme integrate nell'architettura, talvolta tridimensionali, luce wall washer o radente, in grado di piegarsi a qualsiasi esigenza progettuale.

Le famiglie di prodotti Landa sono in grado di arredare completamente gli spazi outdoor residential e hospitality senza alcun limite.

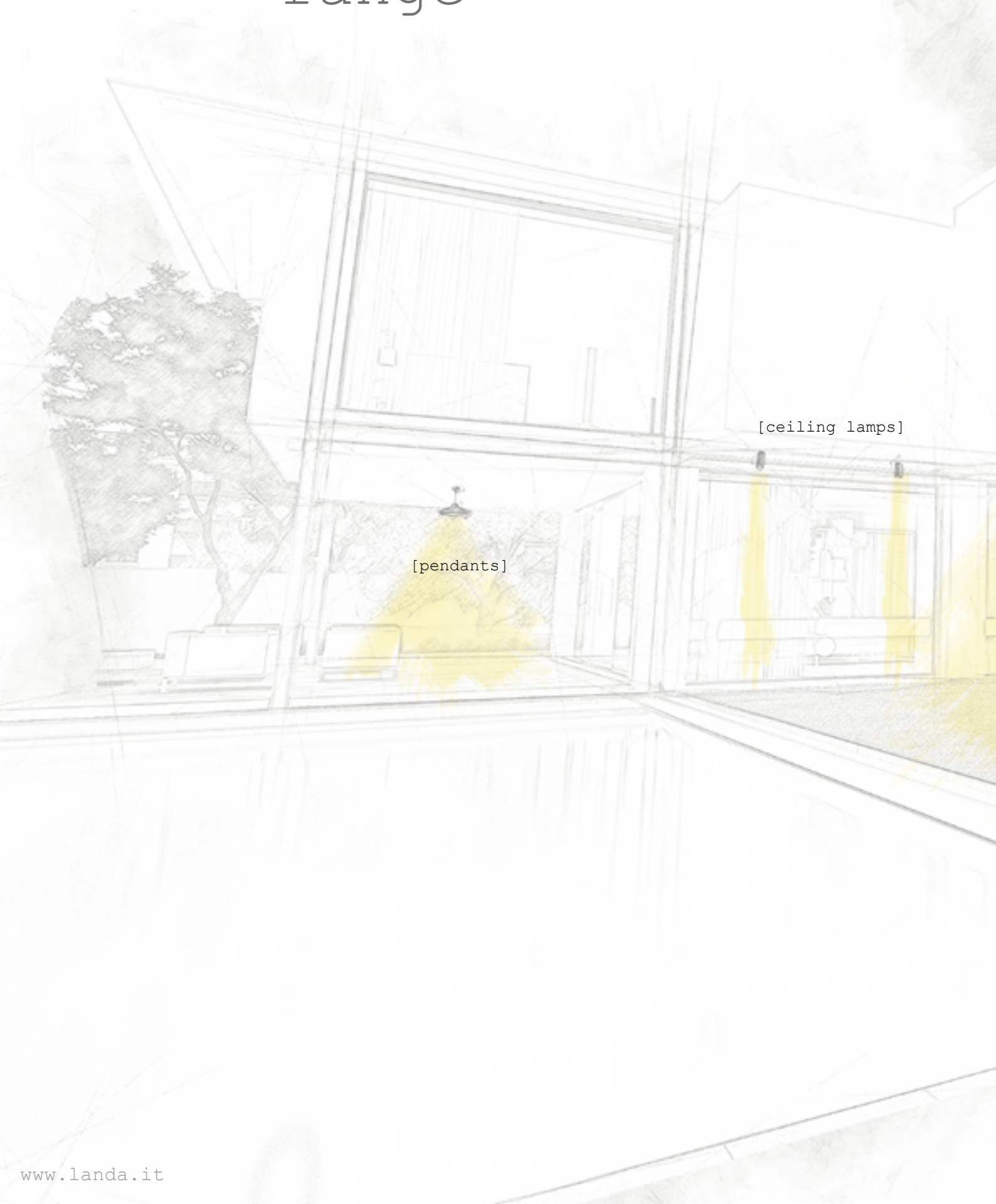
EN *Design, clean and simple lines.*

Shapes integrated into the architecture, sometimes 3D, wall washer or oblique light, able to follow any design requirement.

The Landa product families can furnish any outdoor residential and hospitality spaces without limits.

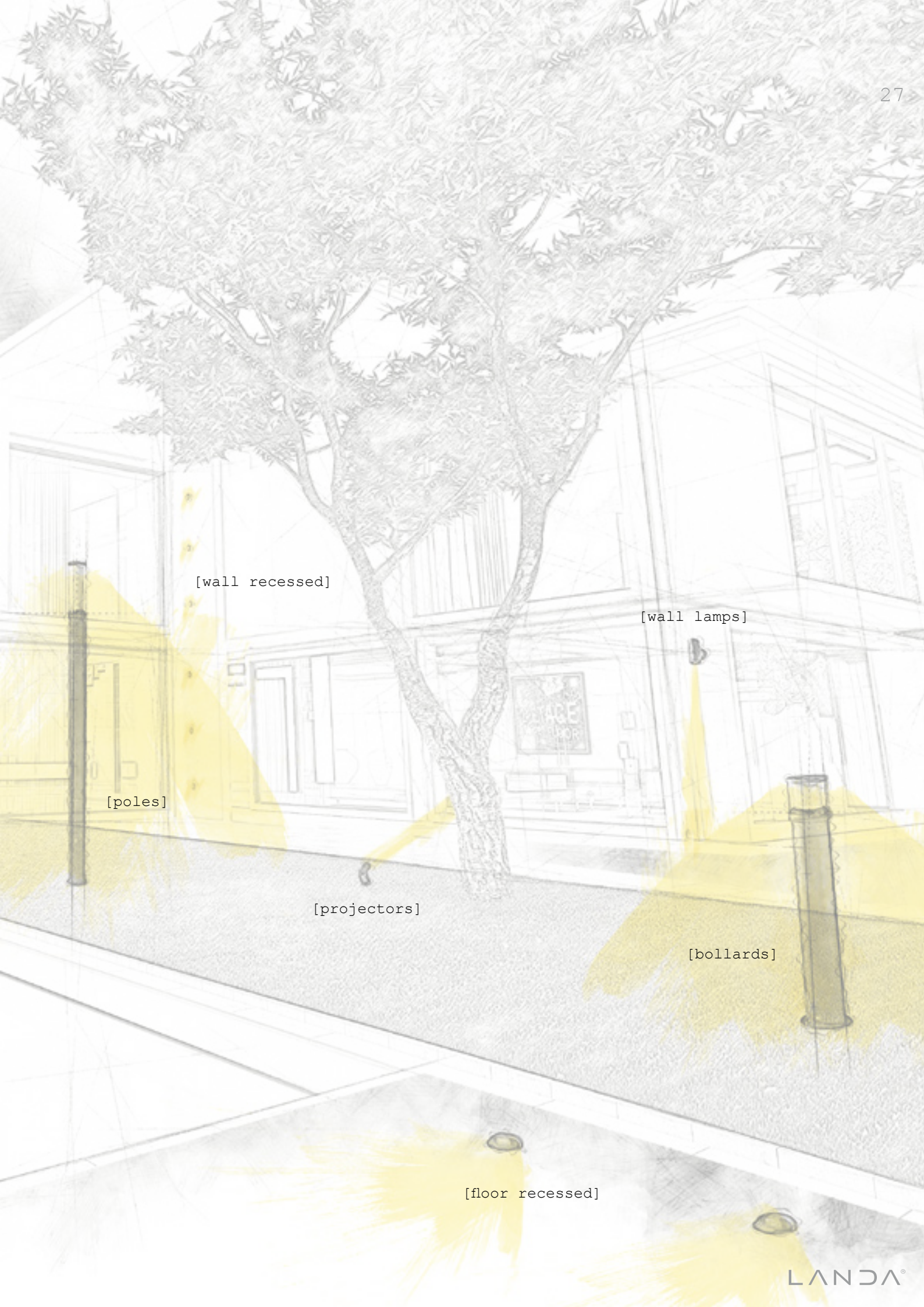


products range



[ceiling lamps]

[pendants]



[wall recessed]

[wall lamps]

[poles]

[projectors]

[bollards]

[floor recessed]



made in
italy

made in
lumezzane

Lömedhane [løme'ðane]

EN Lumezzane, the production hub of the province of Brescia, is the place where all products come to life, starting from melting of metals up to the machining from solid and the drawing on the finished product.

A work culture, a typical ability of the territory where the company was established, and an essential characteristic for those who work in Landa, every day, to provide the market with the best lighting quality.

Ogni componente degli apparecchi Landa è pensato, sviluppato, ingegnerizzato e prodotto **esclusivamente in Italia. A Lumezzane.**

EN *Each component of the Landa luminaires is completely designed, developed, engineered and manufactured in Italy. In Lumezzane.*

Lumezzane, patria produttiva della provincia bresciana, è il luogo in cui tutti i prodotti hanno vita, partendo dalla fusione del metallo, fino alla lavorazione dal pieno e al lavoro di trafilatura sul prodotto finito.

Una **cultura del fare**, una capacità tipica del territorio di nascita dell'azienda, e una caratteristica imprescindibile per chi lavora in Landa, ogni giorno, per fornire al mercato la miglior qualità illuminotecnica.



tech- nology

CRI elevato

Il **CRI elevato** (alto indice di resa cromatica) assicura un **perfetto output luminoso** in ideale simbiosi con la luce naturale.

EN *The high CRI (color rendering index) ensures perfect light output in ideal symbiosis with natural light.*

Gli apparecchi outdoor Landa oltre ad avere un indice di protezioni IP65/67, caratteristica che li rende praticamente immuni ad agenti atmosferici e traumi dovuti a intemperie e condizioni esterne, garantiscono **una tecnologia e una qualità della luce elevatissime**.

EN *Landa outdoor luminaires are characterized by an IP65/67 protection index, that makes them resistant to atmospheric agents and damages due to bad weather and external conditions, and offer extremely high technology and light quality.*



Sicurezza

Ideati e prodotti secondo le normative vigenti in ottica di **longevità e sicurezza**, gli apparecchi Landa nascono specificatamente per gli ambienti outdoor. Il **vetro temperato** dallo spessore minimo di 6 mm garantisce la massima **resistenza agli urti** e ad eventuali atti vandalici con una resistenza meccanica adeguata al tipo di applicazione.

EN *Designed and produced in accordance with current standards for duration and safety, Landa luminaires are specifically designed for outdoor environments. The tempered glass of min. 6 mm thickness guarantees maximum resistance to shocks and possible vandalism with a mechanical resistance suitable for the type of application.*



Durata nel tempo

Strutture in alluminio perfette per le applicazioni outdoor; gli apparecchi Landa **resistono all'ossidazione attraverso degli specifici trattamenti** appositamente messi a punto nei propri laboratori di ricerca, **rispettando l'ambiente e garantendo una sempre maggior durata nel tempo**. Solo in questo modo si possono **ridurre al minimo gli interventi di manutenzione** durante la vita dell'apparecchio illuminante.

EN *Aluminum structures perfect for outdoor applications; Landa luminaires resist oxidation through specific treatments specially developed in its own research laboratories, respecting the environment and guaranteeing an ever increasing duration over time. This allows minimizing maintenance operations during the luminaire life.*



light control & the perfect beam

Tecnologia LED avanzata, una luce precisa e tecnologica: una luce perfetta.

Gli apparecchi presentano una gamma ampissima di ottiche per ogni applicazione e tipologia di installazione. Apparecchi dai fasci wide, flood e spot, o asimmetrici e una completa gamma di pali da terra ideali per ogni tipo di illuminazione.

Ad ogni ambiente, la luce più adeguata.

EN *Advanced LED technology, precise and technological light means perfect light.*

The luminaires offer a very wide range of optics for any application and type of installation.

Luminaires with wide, flood and spot beams or asymmetrical optics, and a complete range of ground poles ideal for any type of lighting.

For each environment, the most appropriate light.

Un'illuminazione ragionata, in grado di dialogare con il giorno, la notte e con i cambiamenti cromatici della luce naturale.

La possibilità di controllare e gestire in modo intelligente queste variazioni è una caratteristica imprescindibile, all'interno di un ambiente, e lo è ancora di più all'esterno, spazio dove luce artificiale e naturale sono in continuo dialogo e contrasto.

EN *A reasoned lighting able to dialogue with the day, the night and with the chromatic changes of natural light.*

The possibility of controlling and managing these variations in an intelligent way is an essential feature for the interior and even more so for the exterior, a space where artificial and natural light are in continuous dialogue and contrast.



italian lighting
for outdoor aesthetics

FLOOR RECESSED

Il proiettore
con incasso
invisibile.

[The invisible recessed
projector.]

mira 45 LT

design by Landa R&D



mira 45 LT

Compendio di tecnica e funzionalità. Mira 45 LT è un proiettore ideale per installazioni ad incasso pavimento, disponibile con potenza 2 W e ottiche spot e flood. Una luce calda o fredda, in base alle necessità costruttive. Le finiture inox e bronze sono entrambe a disposizione del progettista per possibilità di installazione altamente performanti e versatili. Un apparecchio recessed dall'estetica tridimensionale, per una luce sistematica, precisa, adatta a tutti i camminamenti in ambienti esterni che lo necessitano. Disponibile anche per applicazioni a parete.

EN *A combination of technology and functionality. Mira 45 LT is an ideal projector for in-ground installations, available with 2 W power and spot and flood optics. A warm or cold light, depending on the construction requirements. The stainless steel and bronze finishes are both available to the designer for high performance and versatile installation possibilities. A recessed luminaire with 3D aesthetics, for systematic, precise lighting, suitable for all outdoor walkways. Also available for wall installation.*

CE EAC

MIRA 45 LT | WALL RECESSED > 110



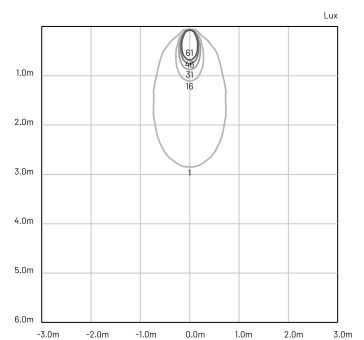
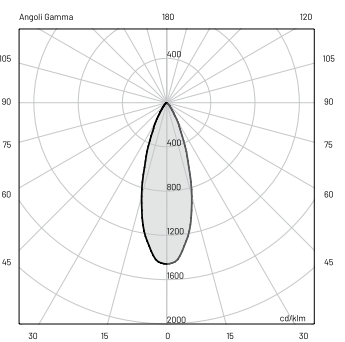
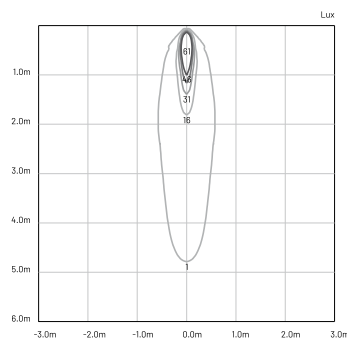
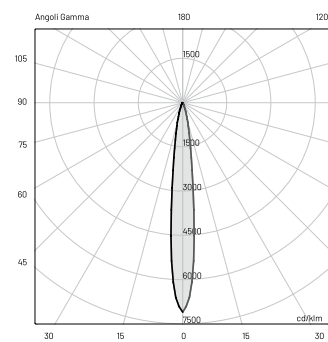


mira 45 LT | 2W

SPOT • FLOOD

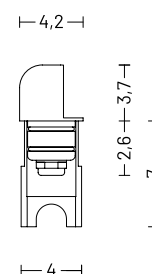
TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux **Source flux	118 lm (160 lm**) @ 3000 K 118 lm (160 lm**) @ 4000 K	102 lm (160 lm*) @ 3000 K 102 lm (160 lm*) @ 4000 K
Luminous efficacy	59 lm/W @ 3000 K 59 lm/W @ 4000 K	51 lm/W @ 3000 K 51 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	35°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 06	IK 06
Insulation class	III	III





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Anodized



ORDER CODE

MI 2 0 000 _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	

Example MI 2 0 000 **S** **N** **B** 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	480

AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	480
0409BT015	Transformer _ 24 Vdc - 25 W	480
0409BT016	Transformer _ 24 Vdc - 100 W	480
0409M009	Single connection IP68	480







La gamma
dalle
possibilità
infinite.

[A range with infinite
possibilities.]

mira

design by Landa R&D





mira 45

Elegante, essenziale.

Un incasso invisibile, una gamma completa.

Mira 45 è una soluzione che può coprire qualsiasi esigenza, illuminando corridoi di accesso, vialetti e percorsi di camminamento di ogni tipo. 2 W la potenza, sette le ottiche disponibili - spot, flood, diffuse, 360°, 180°, 120° in versione singola, 120° con doppio fascio di luce e in variante quadrupla. Le due possibilità di finitura del corpo in alluminio estruso anodizzato, inox e bronze, aggiungono valore e possibilità espressive ad un prodotto iper resistente, grazie allo schermo in vetro temperato con uno spessore di 6 mm. Ottima qualità costruttiva per un incasso pavimento disponibile anche per installazione a parete.

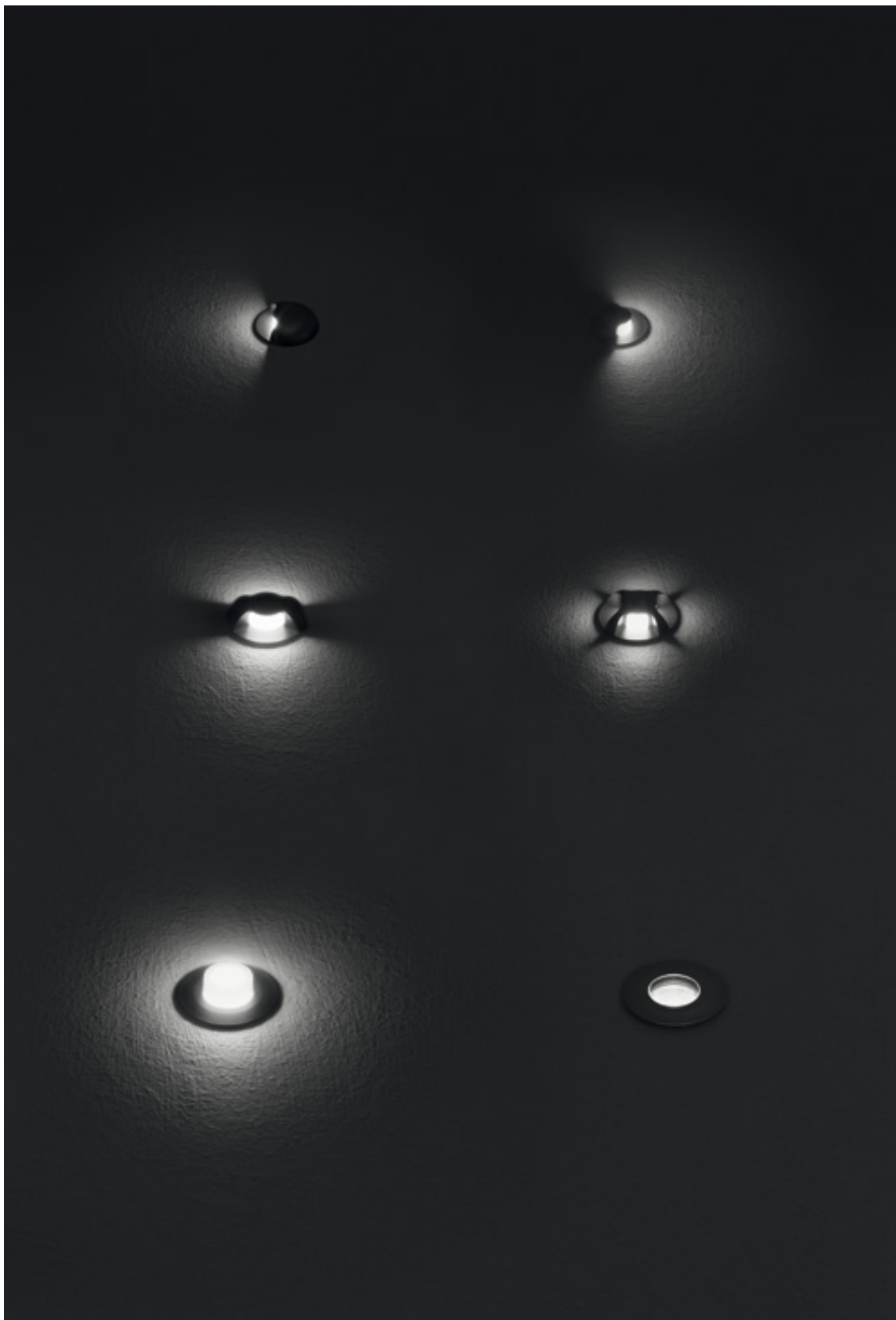
EN *Elegant, essential.*

An invisible recessed luminaire, a complete range.

Mira 45 is a solution that can meet any need, illuminating access corridors, paths and walkways of all kinds. 2 W power and seven optics available - spot, flood, diffuse, 360°, 180°, 120° single version, 120° with double light beam and quadruple version. The two finishing options, stainless steel and bronze, of the anodized extruded aluminum body add value and expressive possibilities to a hyper-resistant product, thanks to the 6 mm tempered glass screen. Excellent construction quality for a recessed floor installation, also available for wall installation.

CE EAC





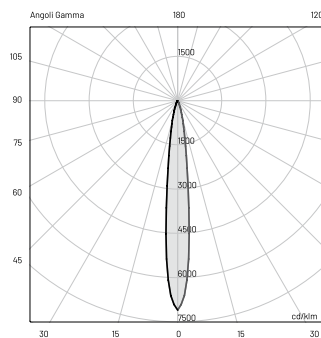
mira 45

| 2W

SINGLE SPOT • SINGLE FLOOD • SINGLE DIFFUSE

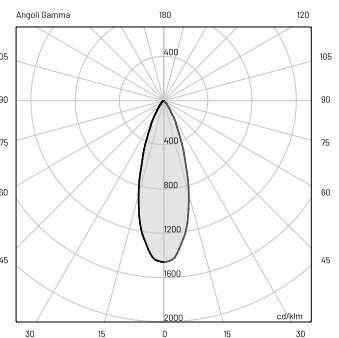
TECHNICAL SPECIFICATIONS

	SINGLE SPOT	SINGLE FLOOD
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	118 lm (160 lm*) @ 3000 K 118 lm (160 lm*) @ 4000 K	102 lm (160 lm*) @ 3000 K 102 lm (160 lm*) @ 4000 K
Luminous efficacy	59 lm/W @ 3000 K 59 lm/W @ 4000 K	51 lm/W @ 3000 K 51 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	35°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1136	1136	0.2
2.00	284	284	0.4
3.00	126	126	0.6
4.00	71	71	0.9
5.00	45	45	1.1

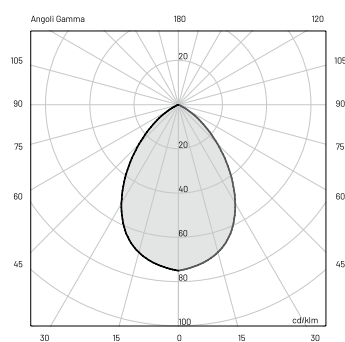


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	233	233	0.6
2.00	58	58	1.3
3.00	26	26	1.9
4.00	15	15	2.5
5.00	9	9	3.1

TECHNICAL SPECIFICATIONS

	SINGLE DIFFUSE
Source lamp	LED 2 W
Total wattage	2 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	17 lm (160 lm*) @ 3000 K 17 lm (160 lm*) @ 4000 K
Luminous efficacy	8.5 lm/W @ 3000 K 8.5 lm/W @ 4000 K
McADAM steps	3
Beam	80°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	III



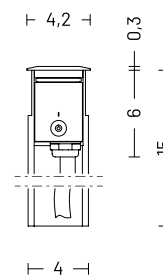
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	12	12	1.65
2.00	3	3	3.3
3.00	1	1	4.95
4.00	1	1	6.6
5.00	0	0	8.25





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear tempered glass 6 mm
Finishing	Anodized



ORDER CODE

MI 2 0 IPT _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	D	Diffuse	

Example MI 2 0 IPT SN B 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	481

AVAILABLE ACCESSORIES

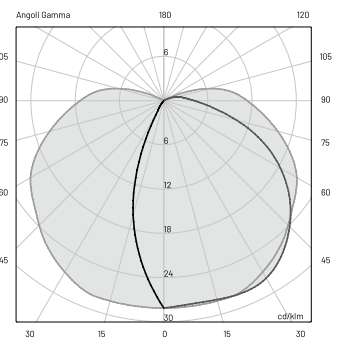
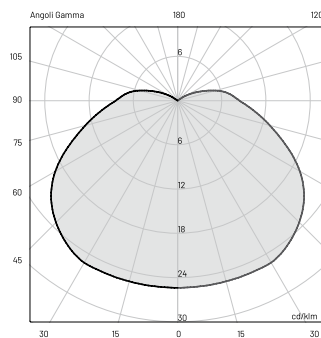
Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	480
0409BT015	Transformer _ 24 Vdc - 25 W	480
0409BT016	Transformer _ 24 Vdc - 100 W	480
0404M009	Single connection IP68	480

mira 45 | 2W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE

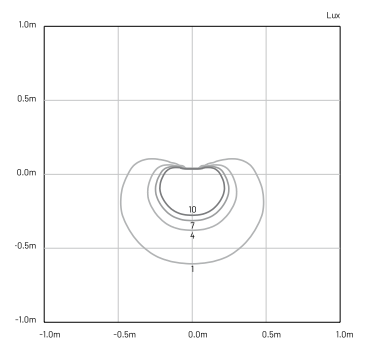
TECHNICAL SPECIFICATIONS

	360°	SINGLE 180°
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	20 lm (160 lm*) @ 3000 K 20 lm (160 lm*) @ 4000 K	14 lm (160 lm*) @ 3000 K 14 lm (160 lm*) @ 4000 K
Luminous efficacy	10 lm/W @ 3000 K 10 lm/W @ 4000 K	7 lm/W @ 3000 K 7 lm/W @ 4000 K
McADAM steps	3	3
Beam	360°	180°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



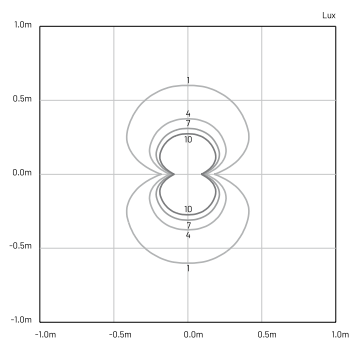
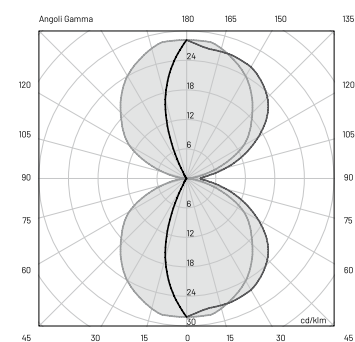
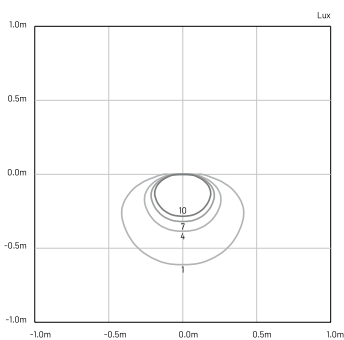
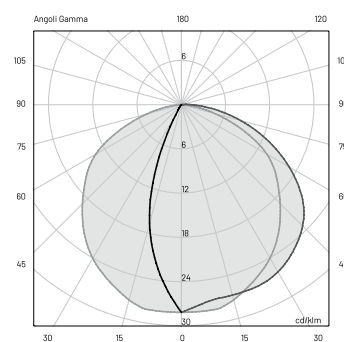
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	4	4	7.9
2.00	1	1	15.8
3.00	0	0	23.7
4.00	0	0	31.6
5.00	0	0	39.5



TECHNICAL SPECIFICATIONS

	SINGLE 120°	DOUBLE 120°
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	10 lm (160 lm*) @ 3000 K 10 lm (160 lm*) @ 4000 K	20 lm (160 lm*) @ 3000 K 20 lm (160 lm*) @ 4000 K
Luminous efficacy	5 lm/W @ 3000 K 5 lm/W @ 4000 K	10 lm/W @ 3000 K 10 lm/W @ 4000 K
McADAM steps	3	3
Beam	120°	120° / 120°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III

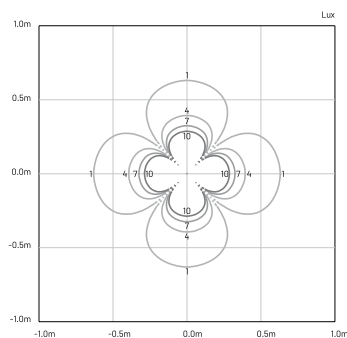
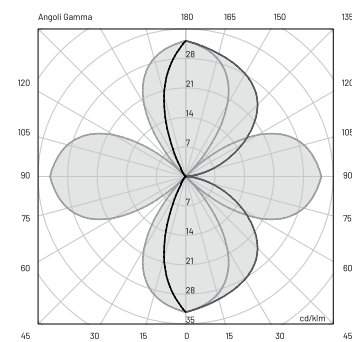


mira 45 | 2W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE

TECHNICAL SPECIFICATIONS

Source lamp	LED 2 W
Total wattage	2 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	24 lm (160 lm*) @ 3000 K 24 lm (160 lm*) @ 4000 K
Luminous efficacy	12 lm/W @ 3000 K 12 lm/W @ 4000 K
McADAM steps	3
Beam	Quadruple
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	III





MATERIALS

Body	<u>Extruded aluminium EN AW6060</u>
Diffuser	<u>Opal polycarbonate</u>
Finishing	<u>Anodized</u>

ORDER CODE

MI 2 0 IPT _ _ B 7 Z _

Finishing	<u>1</u>	Inox	
	<u>2</u>	Bronze	
Light colour	<u>N</u>	4000 K	
	<u>H</u>	3000 K	
Beam	<u>X</u>	360°	
	<u>T</u>	180°	
	<u>V</u>	120°	
	<u>7</u>	Double 120°	
	<u>9</u>	Quadruple	

Example MI 2 0 IPT X N B 7 Z 1

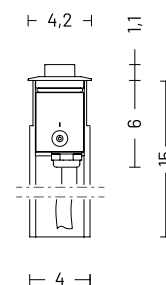
INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	481

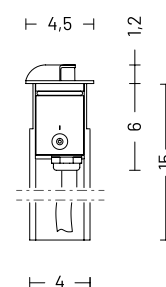
AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	480
0409BT015	Transformer _ 24 Vdc - 25 W	480
0409BT016	Transformer _ 24 Vdc - 100 W	480
0404M009	Single connection IP68	480

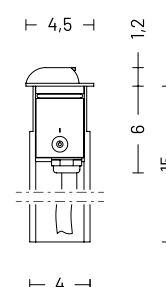
360°



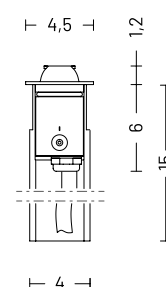
180°



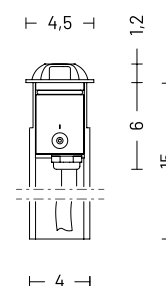
120°



double 120°



quadruple



mira 65

Una gamma strutturata e ampia grazie alla grande disponibilità di ottiche e fasci di luce per Mira 65, apparecchio compatto e dall'estrema affidabilità fornito con potenza 5 o 6 W.

Mira è un incasso a pavimento che illumina percorsi con estrema precisione e, allo stesso tempo, il minimo impatto. La tecnica impiegata ha permesso di creare un prodotto perfetto per l'outdoor, resistente all'acqua e predisposto per una lunghissima durata nel tempo; lo speciale trattamento superficiale in anodizzazione, infatti, evita corrosione ed effetti di degrado provocati dalle condizioni estreme in cui può essere installato. Disponibile anche per applicazioni a parete, Mira 65 unisce tecnica ed estetica: l'alluminio estruso resistente alla corrosione offre possibilità di finitura inox e bronze, per una completa integrabilità visiva negli spazi circostanti.

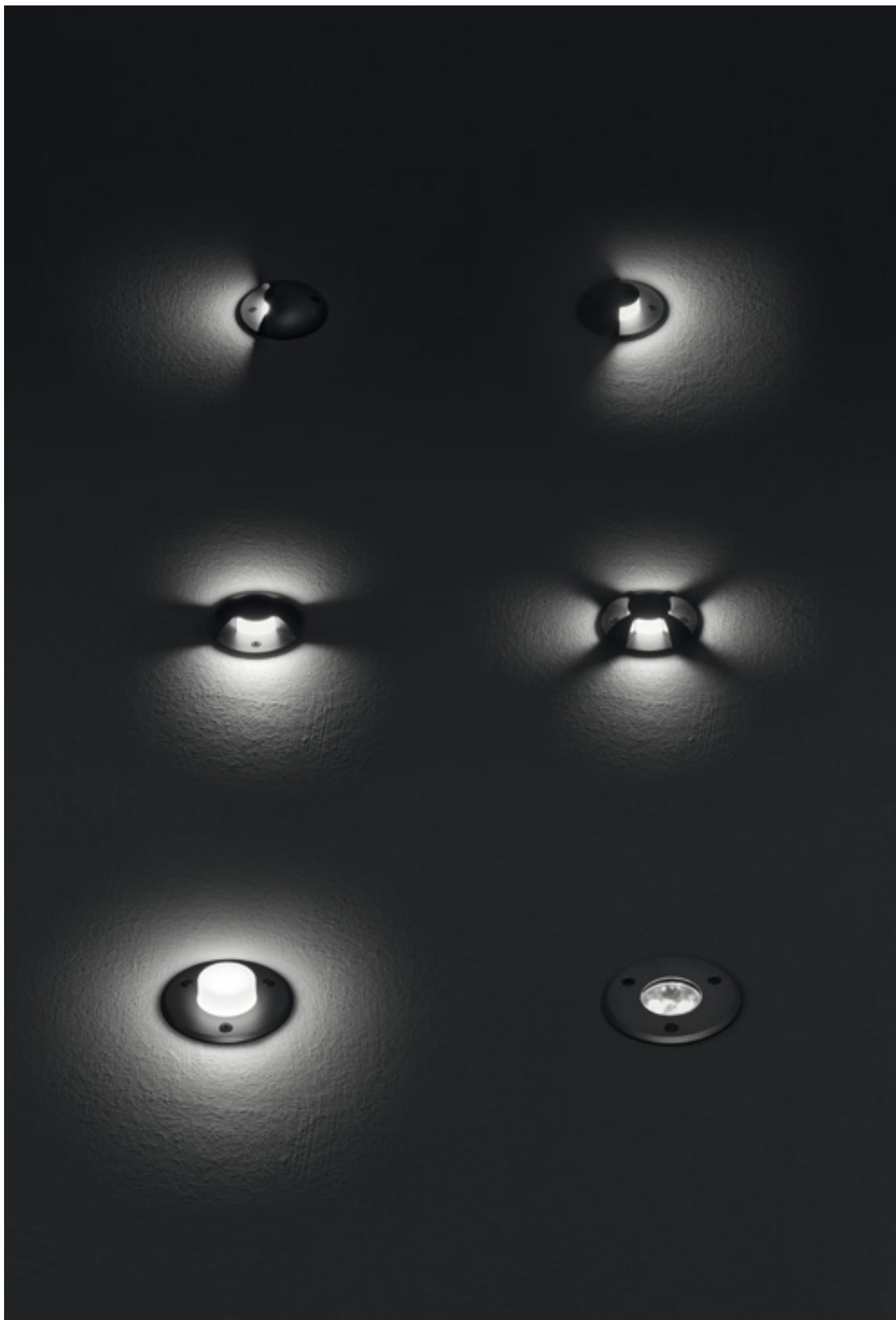
EN A structured wide range with a great variety of optics and light beams. Mira 65 is a compact and very reliable luminaire supplied with 5 or 6 W power.

Mira is a recessed in-ground luminaire that illuminates paths with great precision as well as minimum impact. The applied technique has allowed creating a product that is perfect for outdoor use, water-resistant and long lasting; the special anodizing surface treatment, in fact, prevents corrosion and degradation caused by extreme conditions in the installation place.

Also available for wall installation, Mira 65 combines technique and aesthetics: corrosion-resistant extruded aluminum offers the possibility of a stainless steel and bronze finish, for complete visual integration in the surrounding spaces.

CE EAC





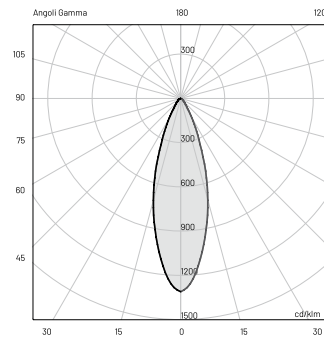
mira 65

| 5W

SINGLE MEDIUM • SINGLE DIFFUSE

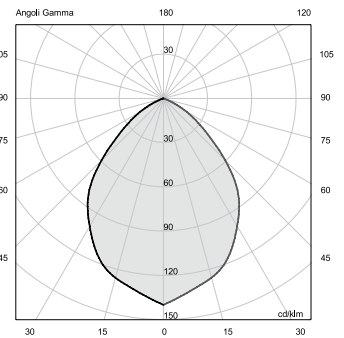
TECHNICAL SPECIFICATIONS

	SINGLE MEDIUM	SINGLE DIFFUSE
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	220-240 Vac, 50-60Hz	220-240 Vac, 50-60Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K	3000 K
Luminous flux *Source flux	294 lm (400 lm*)	93 lm (400 lm*)
Luminous efficacy	59 lm/W	18.6 lm/W
McADAM steps	3	3
Beam	30°	90°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	II	II



E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	524	0.6
2.00	131	1.2
3.00	58	1.8
4.00	33	2.4
5.00	21	3

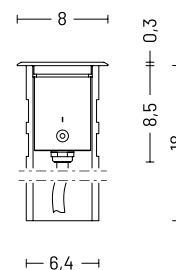


E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	56	1.8
2.00	14	3.5
3.00	6	5.3
4.00	3	7.1
5.00	2	8.9



MATERIALS

<i>Body</i>	<u>Extruded aluminium EN AW6060</u>
<i>Diffuser</i>	<u>Extra clear tempered glass 8 mm</u>
<i>Finishing</i>	<u>Anodized</u>



ORDER CODE

MI 3 0 IPT _ H A 1 0 _

Finishing	<u>1</u>	<u>Inox</u>	
	<u>2</u>	<u>Bronze</u>	
Beam	<u>M</u>	<u>Medium</u>	
	<u>D</u>	<u>Diffuse</u>	

Example MI 3 0 IPT M H A 1 0 1

INCLUDED ACCESSORIES

<i>Code</i>	<i>Description</i>	<i>Page</i>
-	1 m length cable H05RN-F	-
-	Housing box	481

AVAILABLE ACCESSORIES

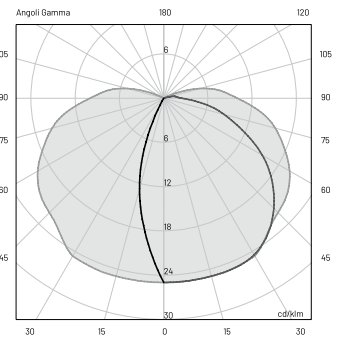
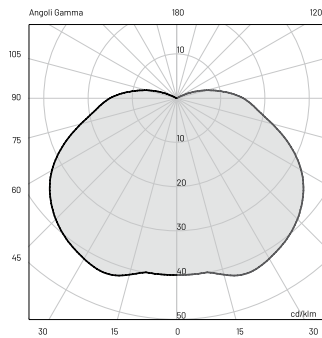
<i>Code</i>	<i>Description</i>	<i>Page</i>
0404M009	Single connection IP68	481

mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE

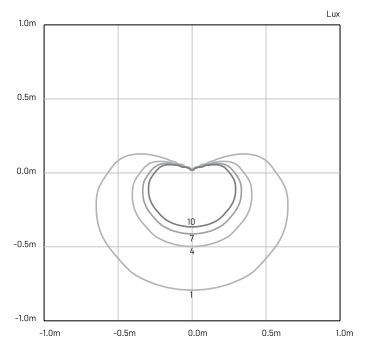
TECHNICAL SPECIFICATIONS

	360°	SINGLE 180°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K	3000 K
Luminous flux *Source flux	86 lm (400 lm*)	33 lm (400 lm*)
Luminous efficacy	17 lm/W	6.5 lm/W
McADAM steps	3	3
Beam	360°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	II	II



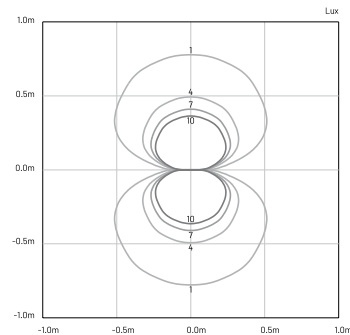
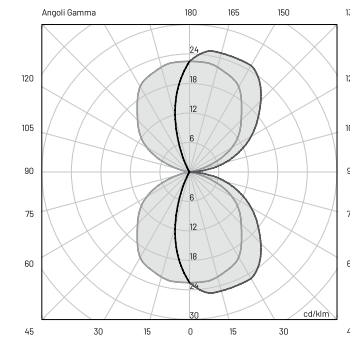
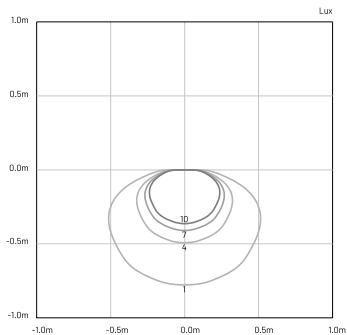
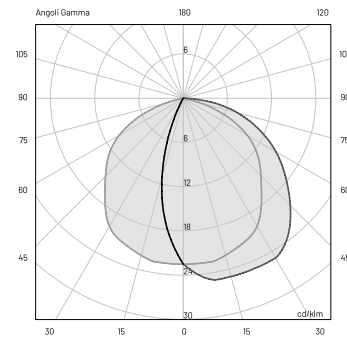
E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	16	8.4
2.00	4	16.8
3.00	2	25.2
4.00	1	33.6
5.00	1	42



TECHNICAL SPECIFICATIONS

	SINGLE 120°	DOUBLE 120°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K	3000 K
Luminous flux *Source flux	21 lm (400 lm*)	42 lm (400 lm*)
Luminous efficacy	4 lm/W	8.5 lm/W
McADAM steps	3	3
Beam	120°	120° / 120°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	II	II



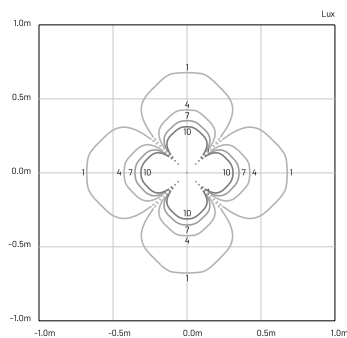
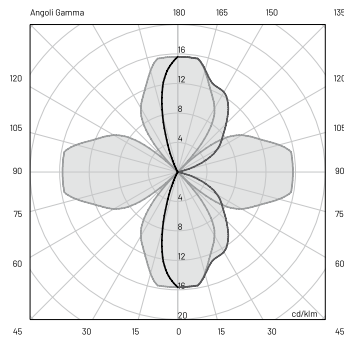
mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



TECHNICAL SPECIFICATIONS

	QUADRUPLE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K
Luminous flux *Source flux	43 lm (400 lm*)
Luminous efficacy	8.5 lm/W
McADAM steps	3
Beam	Quadruple
CRI	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	II





MATERIALS

Body	<u>Extruded aluminium EN AW6060</u>
Diffuser	<u>Opal polycarbonate</u>
Finishing	<u>Anodized</u>

ORDER CODE

MI 3 0 IPT _ H A 1 0 _

Finishing	<u>1</u>	Inox	
	<u>2</u>	Bronze	
Beam	<u>X</u>	360°	
	<u>T</u>	180°	
	<u>V</u>	120°	
	<u>7</u>	Double 120°	
	<u>9</u>	Quadruple	

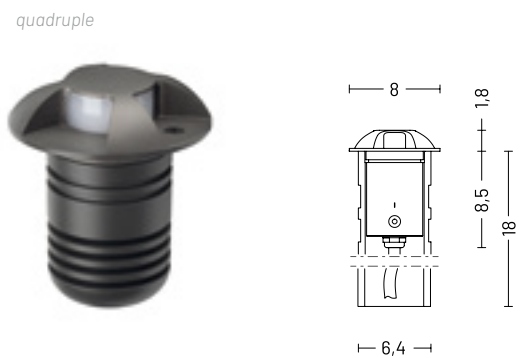
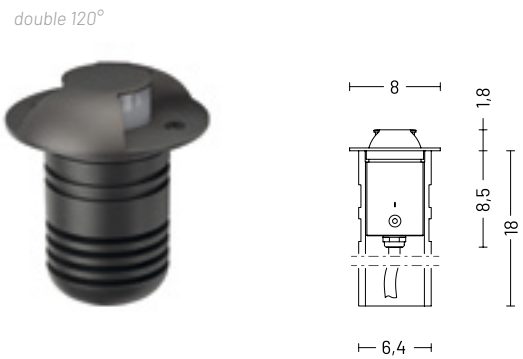
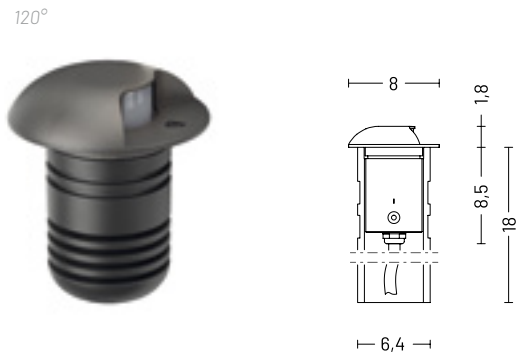
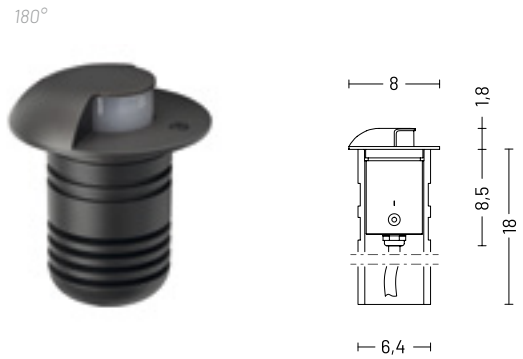
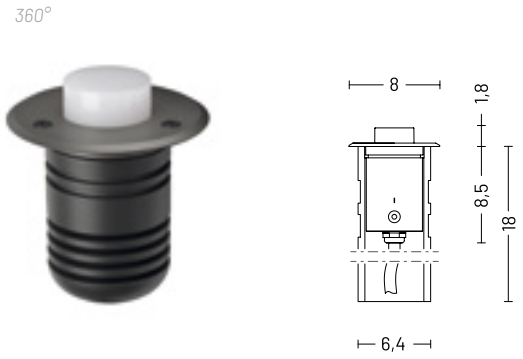
Example MI 3 0 IPT X H A 1 0 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable H05RN-F	-
-	Housing box	481

AVAILABLE ACCESSORIES

Code	Description	Page
<u>0404M009</u>	Single connection IP68	481



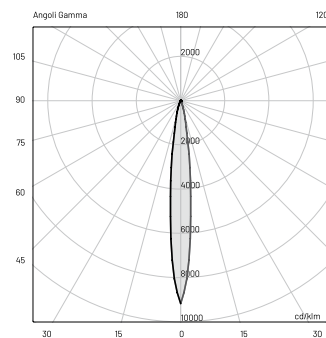
mira 65

| 5W

SINGLE SPOT • SINGLE FLOOD • SINGLE DIFFUSE

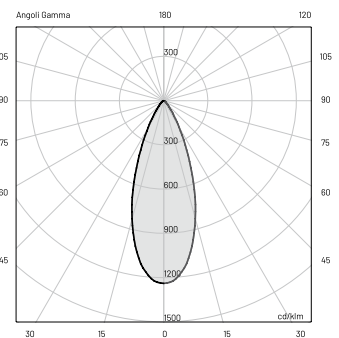
TECHNICAL SPECIFICATIONS

	SINGLE SPOT	SINGLE FLOOD
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	360 lm (480 lm*) @ 3000 K 360 lm (480 lm*) @ 4000 K	310 lm (480 lm*) @ 3000 K 310 lm (480 lm*) @ 4000 K
Luminous efficacy	72 lm/W @ 3000 K 72 lm/W @ 4000 K	62 lm/W @ 3000 K 62 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	4402	4402	0.2
2.00	1101	1101	0.4
3.00	489	489	0.6
4.00	275	275	0.8
5.00	176	176	1

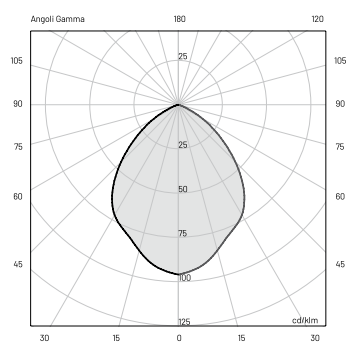


E (LUX)

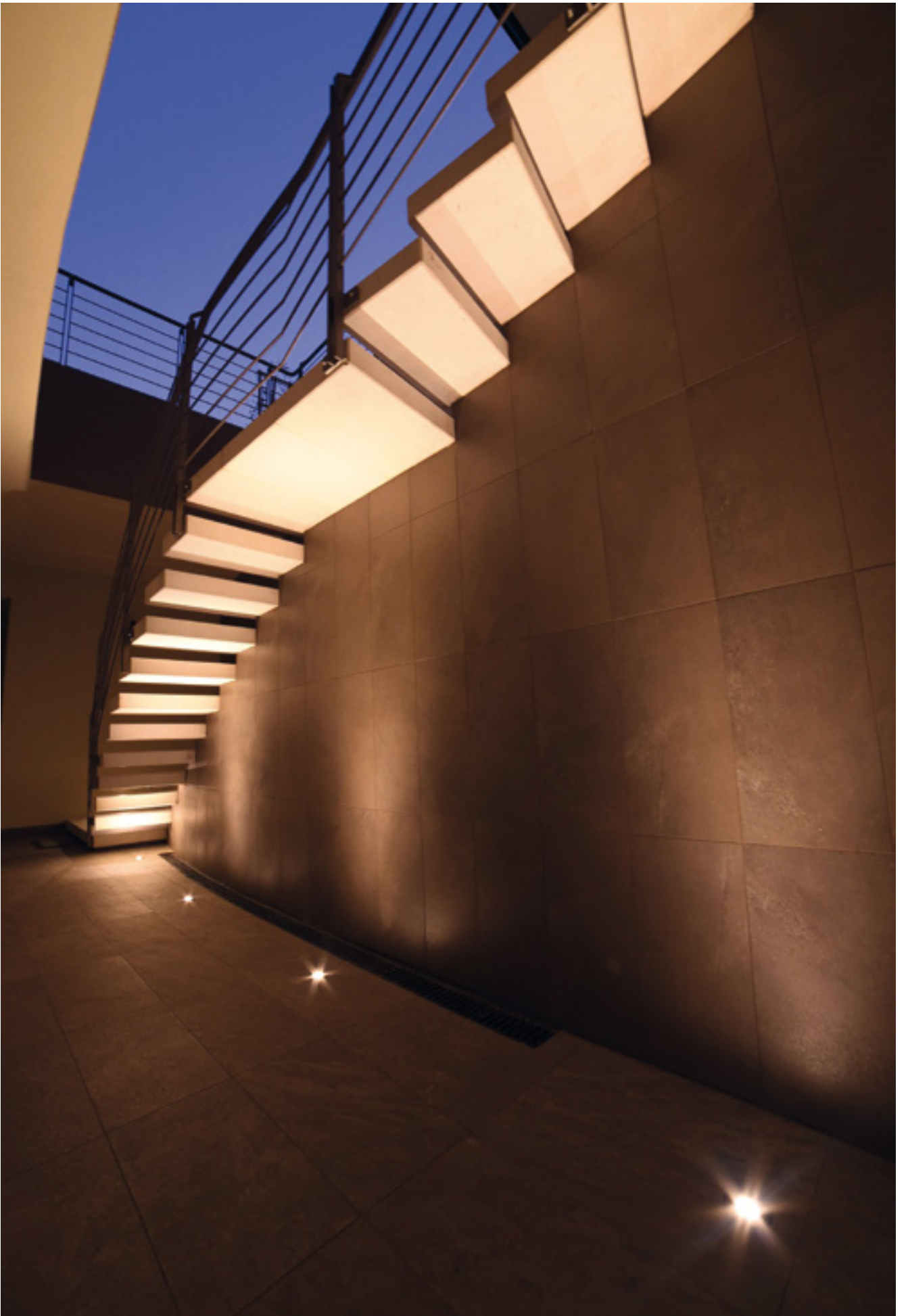
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	594	594	0.7
2.00	149	149	1.4
3.00	66	66	2.1
4.00	37	37	2.8
5.00	24	24	3.5

TECHNICAL SPECIFICATIONS

	SINGLE DIFFUSE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	88 lm (480 lm*) @ 3000 K 88 lm (480 lm*) @ 4000 K
Luminous efficacy	17.6 lm/W @ 3000 K 17.6 lm/W @ 4000 K
McADAM steps	3
Beam	90°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	III

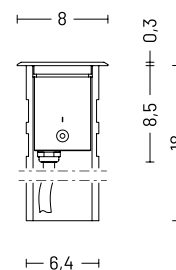


E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	48	48	1.9
2.00	12	12	3.9
3.00	5	5	5.8
4.00	3	3	7.8
5.00	2	2	9.7





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear tempered glass 8 mm
Finishing	Anodized



ORDER CODE

MI 3 0 IPT _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	D	Diffuse	

Example MI 3 0 IPT **S** N **B** 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	481

AVAILABLE ACCESSORIES

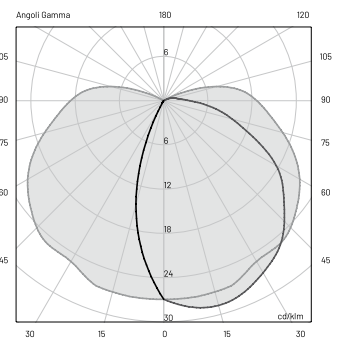
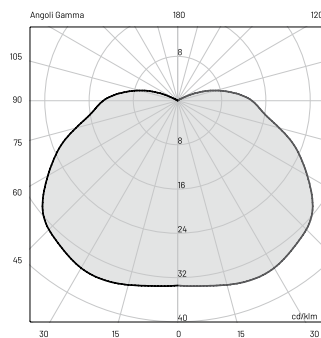
Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	481
0409BT015	Transformer _ 24 Vdc - 25 W	481
0409BT016	Transformer _ 24 Vdc - 100 W	481
0404M009	Single connection IP68	481

mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE

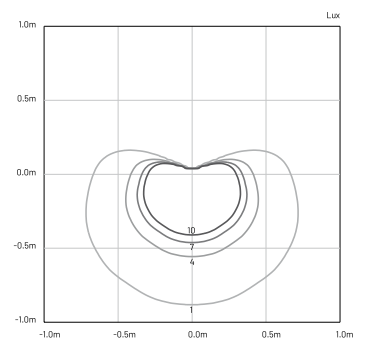
TECHNICAL SPECIFICATIONS

	360°	SINGLE 180°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	95 lm (480 lm*) @ 3000 K 95 lm (480 lm*) @ 4000 K	45 lm (480 lm*) @ 3000 K 45 lm (480 lm*) @ 4000 K
Luminous efficacy	19 lm/W @ 3000 K 19 lm/W @ 4000 K	9 lm/W @ 3000 K 9 lm/W @ 4000 K
McADAM steps	3	3
Beam	360°	180°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



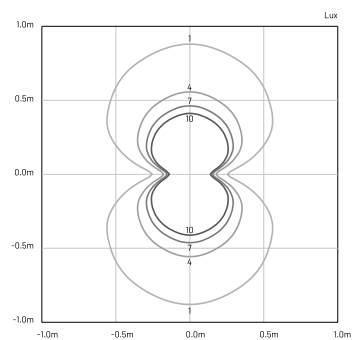
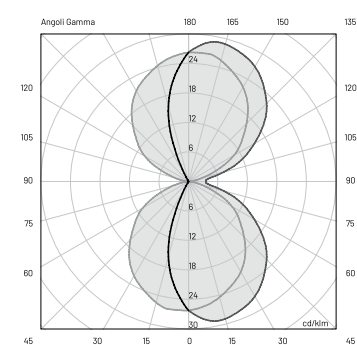
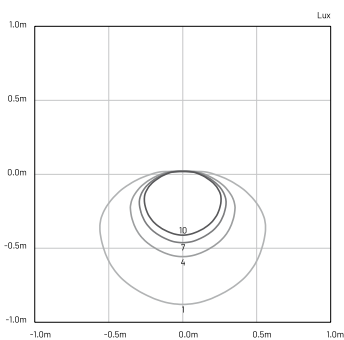
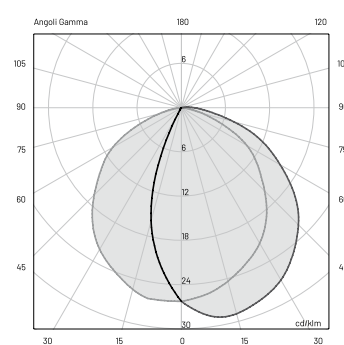
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	20	20	7.3
2.00	5	5	14.6
3.00	2	2	21.9
4.00	1	1	29.3
5.00	1	1	36.6



TECHNICAL SPECIFICATIONS

	SINGLE 120°	DOUBLE 120°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	26 lm (480 lm*) @ 3000 K 26 lm (480 lm*) @ 4000 K	50 lm (480 lm*) @ 3000 K 50 lm (480 lm*) @ 4000 K
Luminous efficacy	5.2 lm/W @ 3000 K 5.2 lm/W @ 4000 K	10 lm/W @ 3000 K 10 lm/W @ 4000 K
McADAM steps	3	3
Beam	120°	120° / 120°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



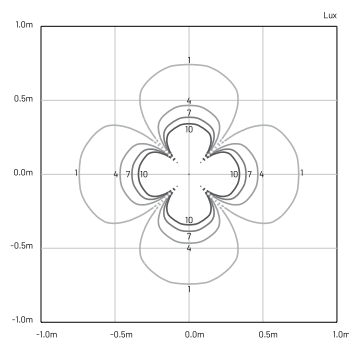
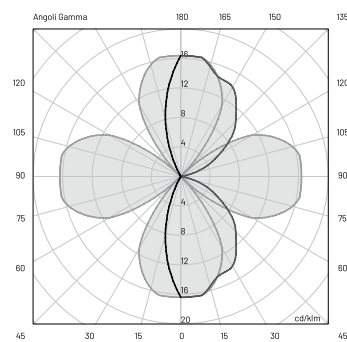
mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



TECHNICAL SPECIFICATIONS

	QUADRUPLE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	49 lm (480 lm*) @ 3000 K 49 lm (480 lm*) @ 4000 K
Luminous efficacy	9.8 lm/W @ 3000 K 9.8 lm/W @ 4000 K
McADAM steps	3
Beam	Quadruple
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	III





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Opal polycarbonate
Finishing	Anodized

ORDER CODE

MI 3 0 IPT _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	X	360°	
	T	180°	
	V	120°	
	7	Double 120°	
	9	Quadruple	

Example MI 3 0 IPT X N B 7 Z 1

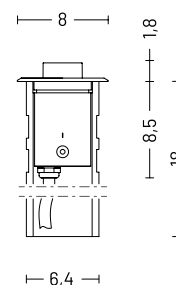
INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	481

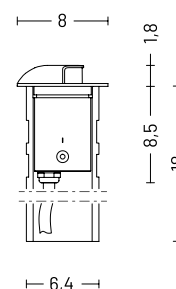
AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	481
0409BT015	Transformer _ 24 Vdc - 25 W	481
0409BT016	Transformer _ 24 Vdc - 100 W	481
0404M009	Single connection IP68	481

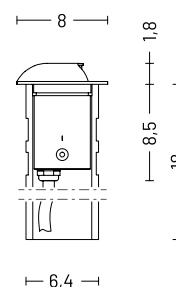
360°



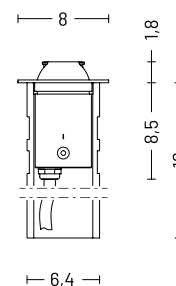
180°



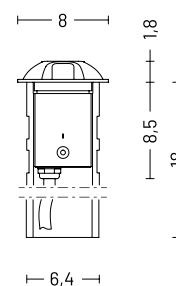
120°



double 120°



quadruple



mira 150

Spot, medium e wide flood per i 10 W di potenza di Mira 150.

Robusto e affidabile, si tratta del classico dei classici reso completo da una tecnologia avanzata tutta firmata Landa. Un incasso a pavimento con ottiche altamente performanti che ne ampliano la gamma, grazie alla loro intercambiabilità. Il corpo in alluminio pressofuso con lega EN47100 ha un anello inox AISI 316L.

Il vetro extra chiaro con spessore 12 mm rende Mira 150 praticamente indistruttibile.

EN Spot, medium and wide flood for the 10 W power of Mira 150.

Robust and reliable, it is the classic of the classics enhanced by the advanced technology by Landa. A recessed floor lamp with high performance optics that expand the range, thanks to their interchangeability. The die-cast aluminum body, with EN47100 alloy, has an AISI 316L stainless steel frame.

The extra-clear 12 mm thick glass makes Mira 150 practically indestructible.

CE EAC



max 20 km/h
max 2000 kg



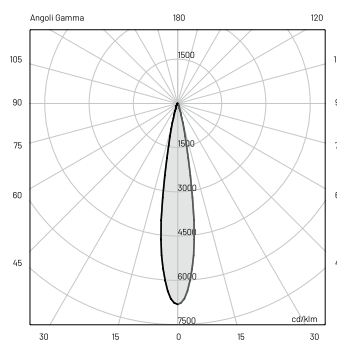
mira 150

| 10W

SPOT • MEDIUM • WIDE FLOOD

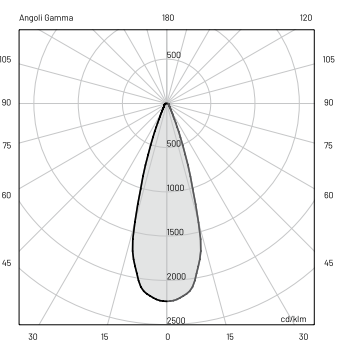
TECHNICAL SPECIFICATIONS

	SPOT	MEDIUM
Source lamp	LED 10 W	LED 10 W
Total wattage	12.5 W	12.5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1144 lm (1300 lm*) @ 3000 K 1144 lm (1300 lm*) @ 4000 K	1128 lm (1300 lm*) @ 3000 K 1128 lm (1300 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K	90 lm/W @ 3000 K 90 lm/W @ 4000 K
McADAM steps	3	3
Beam	18°	33°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 10	IK 10
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	∅ (m)
1.00	8850	8850	0.3
2.00	2212	2212	0.6
3.00	983	983	0.9
4.00	553	553	1.2
5.00	345	345	1.6

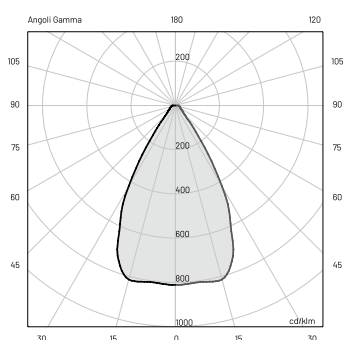


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	∅ (m)
1.00	2905	2905	0.6
2.00	726	726	1.1
3.00	323	323	1.8
4.00	182	182	2.4
5.00	116	116	3

TECHNICAL SPECIFICATIONS

	WIDE FLOOD
Source lamp	LED 10 W
Total wattage	12.5 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1144 lm (1300 lm*) @ 3000 K 1144 lm (1300 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K
McADAM steps	3
Beam	60°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 10
Insulation class	I




E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1054	1054	1.2
2.00	264	264	2.3
3.00	117	117	3.5
4.00	66	66	4.7
5.00	42	42	5.9



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear tempered glass 12 mm
Finishing	Inox AISI 316L 

ORDER CODE

MI 70 IP _ _ B 10 Z

Light colour	N	4000 K
	H	3000 K
Beam	S	Spot
	M	Medium
	W	Wide flood
Model	2	Ring frame
	3	Ring frame for flush-mounted installation
	4	Square frame
	Example	MI 70 IP2 S N B 10 Z

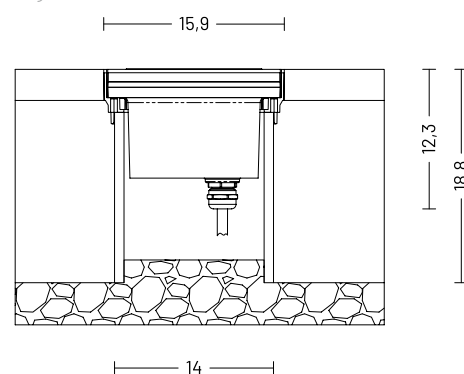
INCLUDED ACCESSORIES

Code	Description	Page
-	2 m length cable H07RN-F	-
-	Housing box	482

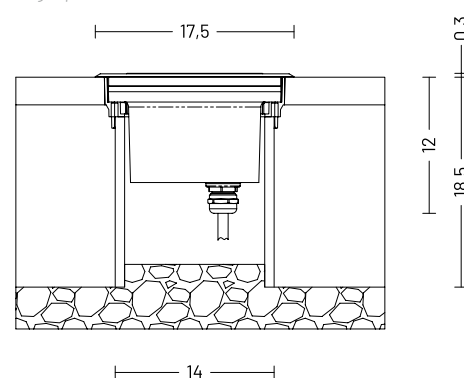
AVAILABLE ACCESSORIES

Code	Description	Page
00KAV01	Set antivandalism screws	482
0303CA2.5	Tool for antivandalism screws	482
0404M004	Single connection IP68	482
0404M003	Loop-in loop-out IP68	482
0201007V0200	Sandblasted glass	482

ring frame for flush-mounted installation



ring/square frame



ring frame for flush-mounted installation



ring/square frame



mira 220

Un apparecchio ad incasso pavimento con 220 mm di diametro e quattro ottiche disponibili: il "grande" della gamma Mira è altamente performante, estremamente potente e preciso.

Mira 220 è praticamente indistruttibile: il vetro extra chiaro da 19 mm è temperato e con indice IK 10, a garanzia di resistenza e durata nel tempo.

La cornice in acciaio inox AISI316L offre protezione, discrezione e minimalismo. La potenza massima di 30 W completa la dotazione tecnologica del prodotto, fornendo possibilità di installazione in ambienti esterni di qualsiasi tipo, soprattutto se particolarmente soggetti ad estreme esigenze illuminanti.

Forza e purezza della luce.

EN *A recessed in-ground luminaire with 220 mm diameter and four available optics: the "big" of the Mira range is high-performing, extremely powerful and precise.*

Mira 220 is practically indestructible: the 19 mm extra-clear glass is tempered and with IK 10 index, ensuring resistance and durability over time. The AISI 316L stainless steel frame offers protection, discretion and minimalism. The 30 W max power completes the technological equipment of the product, making it suitable for installation in outdoor environments of any kind, especially if requiring extreme lighting performance.

Strength and purity of light.

CE EAC

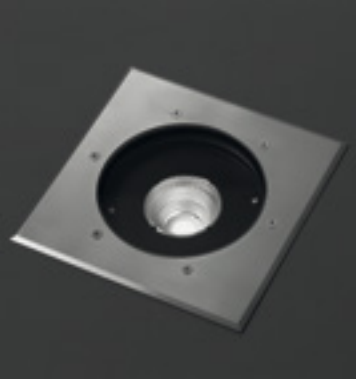


max 20 km/h
max 2000 kg



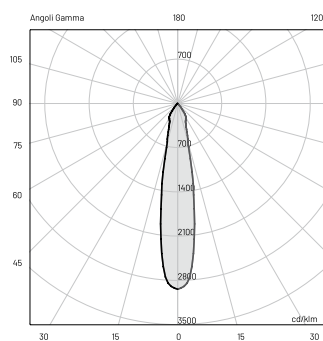
mira 220 | 20W

SPOT • FLOOD • WIDE FLOOD • ASYMMETRIC

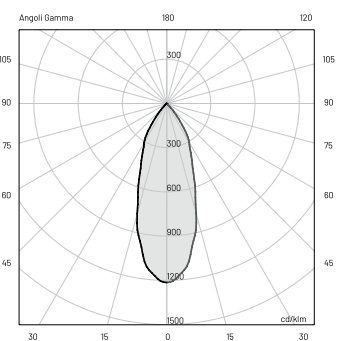


TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 20 W	LED 20 W
Total wattage	20 W	20 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	IGBT-TRIAC • dimmable on request	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1280 lm (1925 lm*) @ 3000 K 1340 lm (2050 lm*) @ 4000 K	1203 lm (1925 lm*) @ 3000 K 1250 lm (2050 lm*) @ 4000 K
Luminous efficacy	64 lm/W @ 3000 K 67 lm/W @ 4000 K	60 lm/W @ 3000 K 62.5 lm/W @ 4000 K
McADAM steps	3	3
Beam	20°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 10	IK 10
Insulation class	I	I



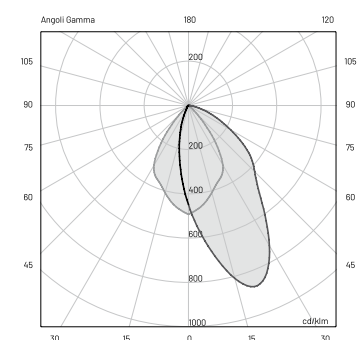
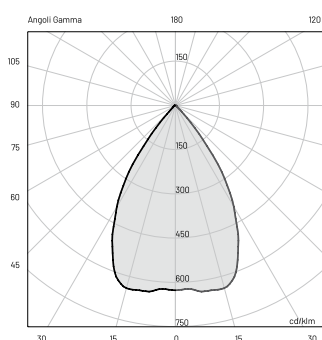
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	5287	5525	0.4
2.00	1322	1381	0.7
3.00	587	614	1.1
4.00	330	345	1.4
5.00	211	221	1.8



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	2184	2261	0.7
2.00	546	565	1.4
3.00	243	251	2
4.00	137	141	2.7
5.00	87	90	3.4

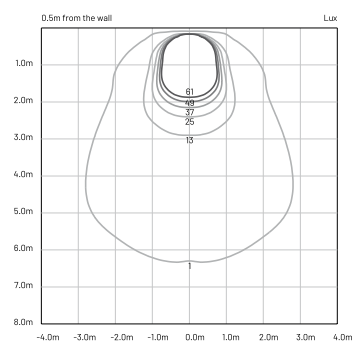
TECHNICAL SPECIFICATIONS

	WIDE FLOOD	ASYMMETRIC
Source lamp	LED 20 W	LED 20 W
Total wattage	20 W	20 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	IGBT-TRIAC • dimmable on request	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1236 lm (1925 lm*) @ 3000 K 1285 lm (2050 lm*) @ 4000 K	1494 lm (1925 lm*) @ 3000 K 1577 lm (2050 lm*) @ 4000 K
Luminous efficacy	61.8 lm/W @ 3000 K 64 lm/W @ 4000 K	75 lm/W @ 3000 K 79 lm/W @ 4000 K
McADAM steps	3	3
Beam	60°	Asymmetric
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 10	IK 10
Insulation class	I	I




E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1127	1172	1.3
2.00	282	293	2.6
3.00	125	130	3.9
4.00	70	73	5.2
5.00	45	47	6.5





MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear tempered glass 19 mm
Finishing	Inox AISI 316L 

ORDER CODE

MI 8 0 IP		B 11 Z	
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	W	Wide flood	
	A	Asymmetric	
Model	2	Ring frame	
	3	Ring frame for flush-mounted installation	
	4	Square frame	
Example	MI 8 0 IP2 S N B 11 Z		

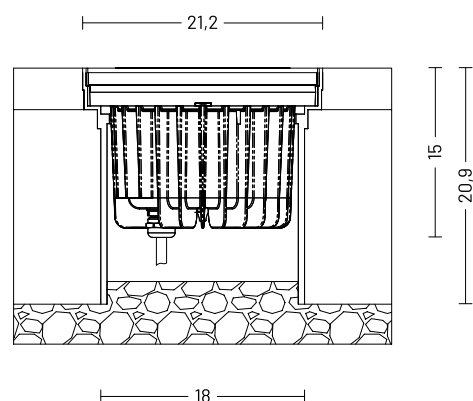
INCLUDED ACCESSORIES

Code	Description	Page
-	2 m length cable H07RN-F	-
-	Housing box	483

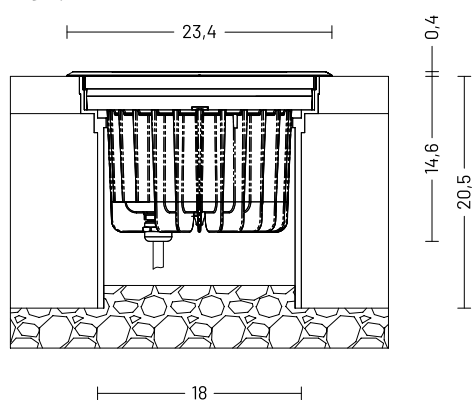
AVAILABLE ACCESSORIES

Code	Description	Page
00KAV04	Set antivandalism screws	482
0303CA3	Tool for antivandalism screws	482
0404M004	Single connection IP68	482
0404M003	Loop-in loop-out IP68	483
0201001V0200	Sandblasted glass	483
0201001V0400	Non-slip glass	483

ring frame for flush-mounted installation



ring/square frame



ring frame for flush-mounted installation



ring/square frame



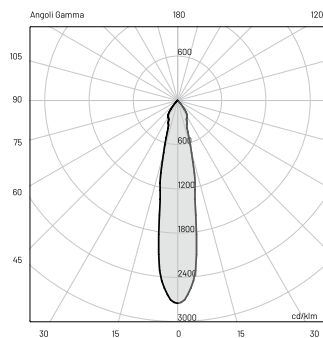
mira 220 | 30W

SPOT • FLOOD • WIDE FLOOD • ASYMMETRIC

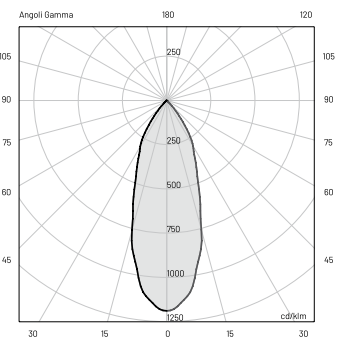


TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 30 W	LED 30 W
Total wattage	30 W	30 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	IGBT-TRIAC • dimmable on request	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1848 lm (2620 lm*) @ 3000 K 1970 lm (2800 lm*) @ 4000 K	1700 lm (2620 lm*) @ 3000 K 1807 lm (2800 lm*) @ 4000 K
Luminous efficacy	61.6 lm/W @ 3000 K 66 lm/W @ 4000 K	57 lm/W @ 3000 K 60 lm/W @ 4000 K
McADAM steps	3	3
Beam	20°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 10	IK 10
Insulation class	I	I



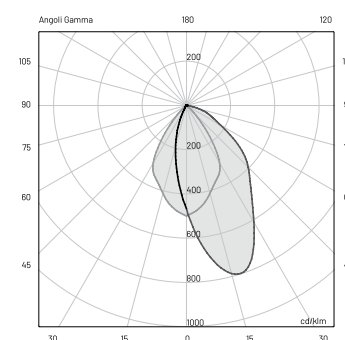
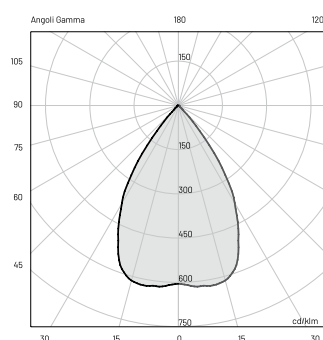
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	7150	7617	0.4
2.00	1787	1904	0.7
3.00	794	846	1.1
4.00	447	476	1.4
5.00	286	305	1.8



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	3089	3280	0.7
2.00	772	820	1.4
3.00	343	364	2
4.00	193	205	2.7
5.00	124	131	3.4

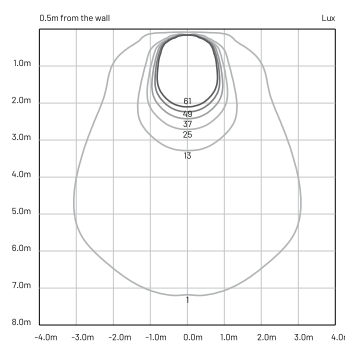
TECHNICAL SPECIFICATIONS

	WIDE FLOOD	ASYMMETRIC
Source lamp	LED 30 W	LED 30 W
Total wattage	30 W	30 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	IGBT-TRIAC • dimmable on request	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (2620 lm*) @ 3000 K 1807 lm (2800 lm*) @ 4000 K	2000 lm (2620 lm*) @ 3000 K 2080 lm (2800 lm*) @ 4000 K
Luminous efficacy	57 lm/W @ 3000 K 60 lm/W @ 4000 K	67 lm/W @ 3000 K 69 lm/W @ 4000 K
McADAM steps	3	3
Beam	60°	Asymmetric
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 10	IK 10
Insulation class	I	I




E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1583	1671	1.3
2.00	396	418	2.6
3.00	176	186	3.9
4.00	99	104	5.2
5.00	63	67	6.5





MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear tempered glass 19 mm
Finishing	Inox AISI 316L 

ORDER CODE

MI 8 1 IP	B 1 1 Z		
		Light colour	N 4000 K
			H 3000 K
		Beam	S Spot
			F Flood
			W Wide flood
			A Asymmetric
		Model	2 Ring frame
			3 Ring frame for flush-mounted installation
			4 Square frame
		Example	MI 8 1 IP 2 S N B 1 1 Z

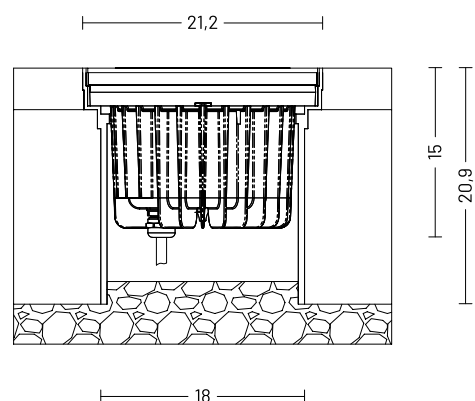
INCLUDED ACCESSORIES

Code	Description	Page
-	2 m length cable H07RN-F	-
-	Housing box	483

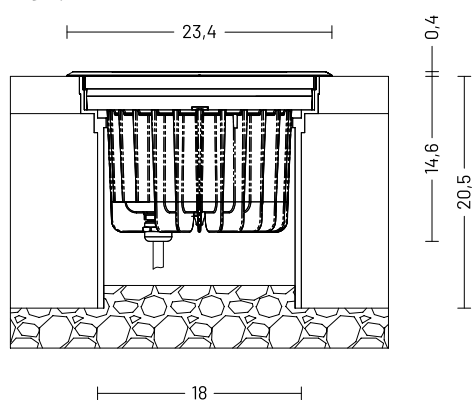
AVAILABLE ACCESSORIES

Code	Description	Page
00KAV04	Set antivandalism screws	482
0303CA3	Tool for antivandalism screws	482
0404M004	Single connection IP68	482
0404M003	Loop-in loop-out IP68	483
0201001V0200	Sandblasted glass	483
0201001V0400	Non-slip glass	483

ring frame for flush-mounted installation



ring/square frame



ring frame for flush-mounted installation



ring/square frame



WALL RECESSED

Un classico,
l'evergreen.



[A classic, the evergreen.]

brick light

design by Landa R&D



brick light

Il classico dei classici, un nome una garanzia.
 Brick light è un apparecchio con potenza di 5 W
 ideale per installazioni a parete, in grado di fornire
 una luce diffusa agli ambienti esterni attraverso un
 vetro sabbiato e temperato da 5 mm. Un apparecchio
 disponibile con o senza griglia, estremamente facile da
 installare; un incasso in alluminio pressofuso composto
 da una vasta gamma di finiture frontali in acciaio inox
 AISI 316L, grey, black, white.

EN *The classic of the classics, a name a guarantee. Brick light is a
 5 W fixture ideal for wall installations, able to provide diffused light in
 outdoor areas through a 5 mm tempered and sandblasted glass.
 A fixture available with or without grid, extremely easy to install;
 a recessed product in die-cast aluminum composed of a wide range of
 front finishes in AISI 316L stainless steel, grey, black, white.*

CE EAC



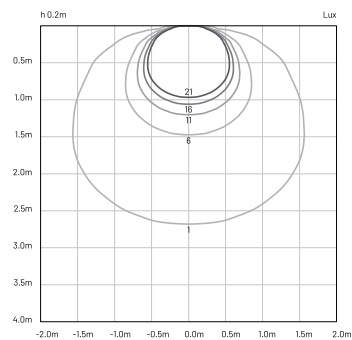
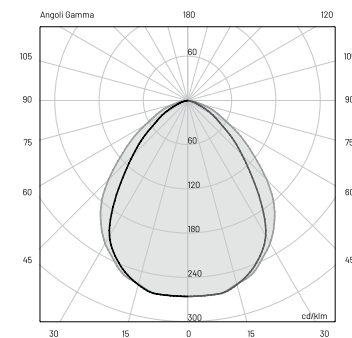


brick light | 5W

DIFFUSE

TECHNICAL SPECIFICATIONS

<i>Source lamp</i>	DIFFUSE
<i>Total wattage</i>	LED 5 W
<i>Voltage</i>	220-240 Vac, 50-60 Hz
<i>Control</i>	On/Off • dimmable on request
<i>Light colour</i>	3000 K • 4000 K • other colours on request
<i>Luminous flux</i> <i>*Source flux</i>	383 lm (700 lm*) @ 3000 K 383 lm (700 lm*) @ 4000 K
<i>Luminous efficacy</i>	55 lm/W @ 3000 K 55 lm/W @ 4000 K
<i>McADAM steps</i>	3
<i>Beam</i>	Diffuse
<i>CRI</i>	> 90
<i>Life time</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>Energy efficiency class</i>	A++
<i>IP rating</i>	IP 65
<i>IK rating</i>	IK 04
<i>Insulation class</i>	I

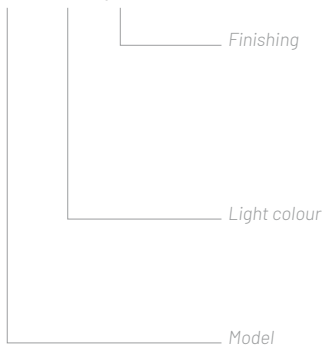


MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Frosted tempered glass 5 mm
Finishing	Polyester powder paint

ORDER CODE

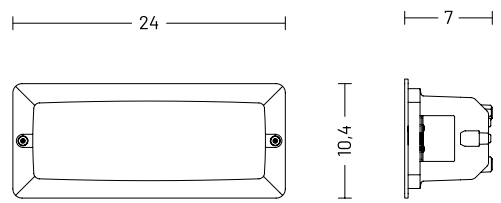
BK3_IPAD_B10_



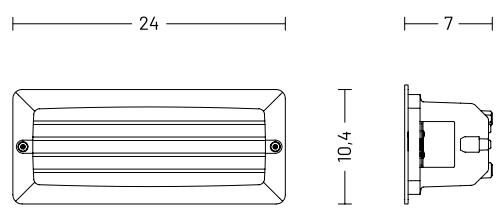
M	Light grey	●
G	Black	●
U	White	○
N	4000 K	
H	3000 K	
0	Open	
1	Striped	

Example BK30IPADHB10G

Open



Striped



INCLUDED ACCESSORIES

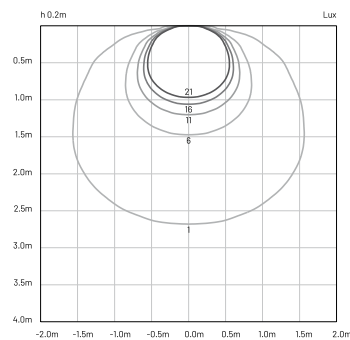
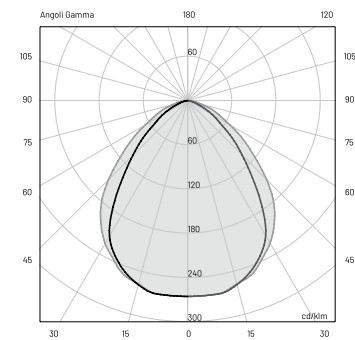
Code	Description	Page
-	Housing box	476

brick light | 5W


DIFFUSE

TECHNICAL SPECIFICATIONS

Source lamp	LED 5 W
Total wattage	7 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	383 lm (700 lm*) @ 3000 K 383 lm (700 lm*) @ 4000 K
Luminous efficacy	55 lm/W @ 3000 K 55 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 04
Insulation class	I



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Frosted tempered glass 5 mm
<i>Finishing</i>	Inox AISI 316L 

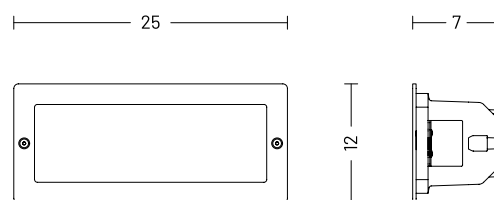
ORDER CODE

BK 3 _ IPAD _ B 10 Z

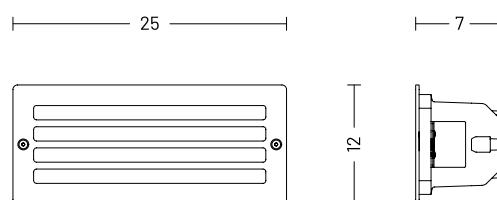
Light colour	N	4000 K
	H	3000 K
Model	2	Open
	3	Striped

Example **BK 3 2 IPAD N B 10 Z**

Open



Striped



INCLUDED ACCESSORIES

Code	Description	Page
-	Housing box	476





brick light_as

La variante asimmetrica di Brick light, per un apparecchio estremamente essenziale, che attraverso una luce essenziale illumina camminamenti e percorsi di accesso in esterni e ingressi privati. Brick light_as è un incasso per installazioni a parete con potenza di 12 W dotato di fascio di luce asimmetrico e diffusore opale in policarbonato. Il corpo è in alluminio pressofuso con finiture disponibili nei colori graphite e light grey.

EN *The asymmetrical version of Brick light, for an extremely essential luminaire that illuminates walkways and outdoor access paths and private entrances through essential light. Brick light_as is a 12 W recessed luminaire for wall installations with an asymmetrical light beam and polycarbonate opal diffuser. The body is in die-cast aluminum with finishes available in graphite and light grey.*

CE EAC





bricklight_as | 12W

ASYMMETRIC

TECHNICAL SPECIFICATIONS

Source lamp

LED 12 W

Total wattage

15 W

Voltage

220-240 Vac, 50-60 Hz

Control

On/Off • dimmable on request

Light colour

3000 K • 4000 K • other colours on request

Luminous flux

95 lm (1040 lm*) @ 3000 K

*Source flux

95 lm (1040 lm*) @ 4000 K

Luminous efficacy

6,5 lm/W @ 3000 K

6,5 lm/W @ 4000 K

McADAM steps

3

Beam

Asymmetric

CRI

> 90

Life time

L70 > 50.000 h Ta 25°C

L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

IP rating

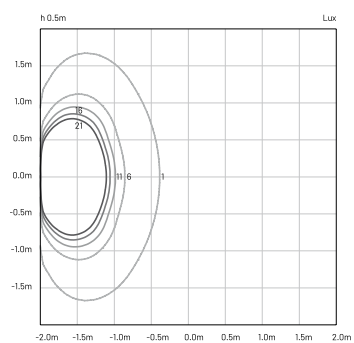
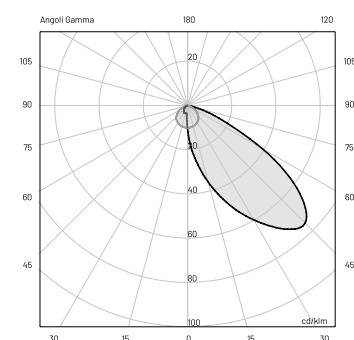
IP 65

IK rating

IK 08

Insulation class

I



MATERIALS

Body	Die-cast aluminium
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint

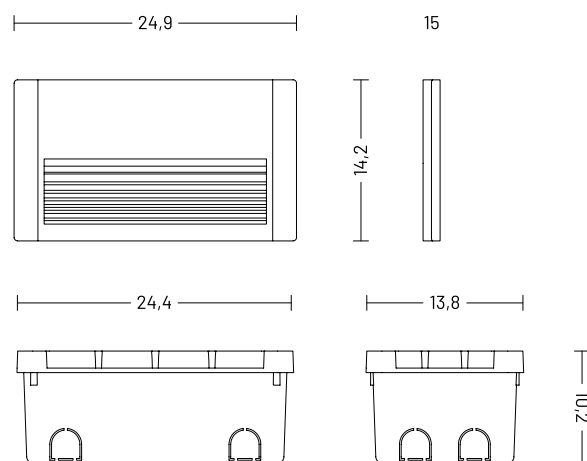
ORDER CODE

BK 4 0 IPA A _ B 10 _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	

Example

BK 4 0 IPA A N B 10 L



INCLUDED ACCESSORIES

Code	Description	Page
-	Housing box	476







Il proiettore
con incasso
invisibile.

[The invisible recessed projector.]

mira 45 LT

design by Landa R&D



mira 45 LT

Mira 45 LT è un incasso a parete in alluminio estruso con finitura anodizzata con una qualità costruttiva aggiuntiva in grado di assicurare un'estrema resistenza agli agenti chimici e atmosferici, che aumenta quindi il tempo di vita del prodotto.

Il proiettore ha un incasso invisibile, un fascio di luce simmetrico da 2 W con la disponibilità di ottiche spot e flood, per una massima e completa versatilità di applicazione. Mira 45 LT è un apparecchio ideale anche per applicazioni a incasso pavimento.

EN Myra 45 LT is a recessed wall luminaire in extruded aluminum with anodized finish and additional construction quality that ensures extreme resistance to chemical and atmospheric agents, thus increasing the product lifetime.

This invisible recessed projector has a symmetrical 2 W light beam with spot and flood optics, for maximum and complete versatility of application. Mira 45 LT is also ideal for in-ground installations.

CE EAC

MIRA 45 LT | FLOOR RECESSED > 40





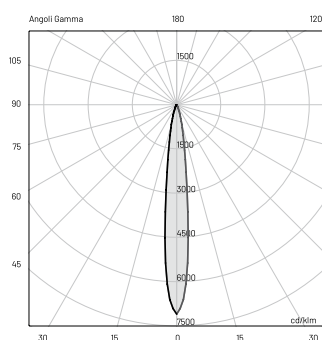
mira 45 LT | 2W

SPOT • FLOOD

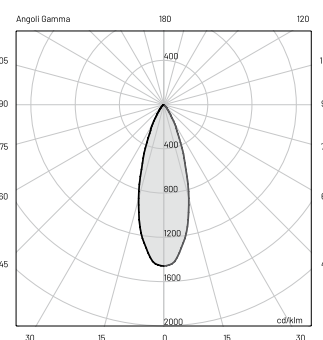


TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	118 lm (160 lm*) @ 3000 K 118 lm (160 lm*) @ 4000 K	102 lm (160 lm*) @ 3000 K 102 lm (160 lm*) @ 4000 K
Luminous efficacy	59 lm/W @ 3000 K 59 lm/W @ 4000 K	51 lm/W @ 3000 K 51 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	35°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 06	IK 06
Insulation class	III	III



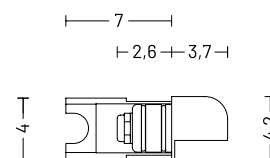
H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	1136	1136	0.2
2.00	284	284	0.4
3.00	126	126	0.6
4.00	71	71	0.9
5.00	45	45	1.1



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	233	233	0.6
2.00	58	58	1.3
3.00	26	26	1.9
4.00	15	15	2.5
5.00	9	9	3.1

MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Anodized



ORDER CODE

MI 2 0 000	-	B 7 Z	-
	Finishing	1	Inox 
		2	Bronze 
	Light colour	N	4000 K
		H	3000 K
	Beam	S	Spot
		F	Flood
	Example	MI 2 0 000 S N B 7 Z 1	

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	480

AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	480
0409BT015	Transformer _ 24 Vdc - 25 W	480
0409BT016	Transformer _ 24 Vdc - 100 W	480
0409M009	Single connection IP68	480







Solidità
assoluta,
in armonia
con il mondo.

[Absolute robustness,
in harmony with the world.]

wall mira

design by Landa R&D



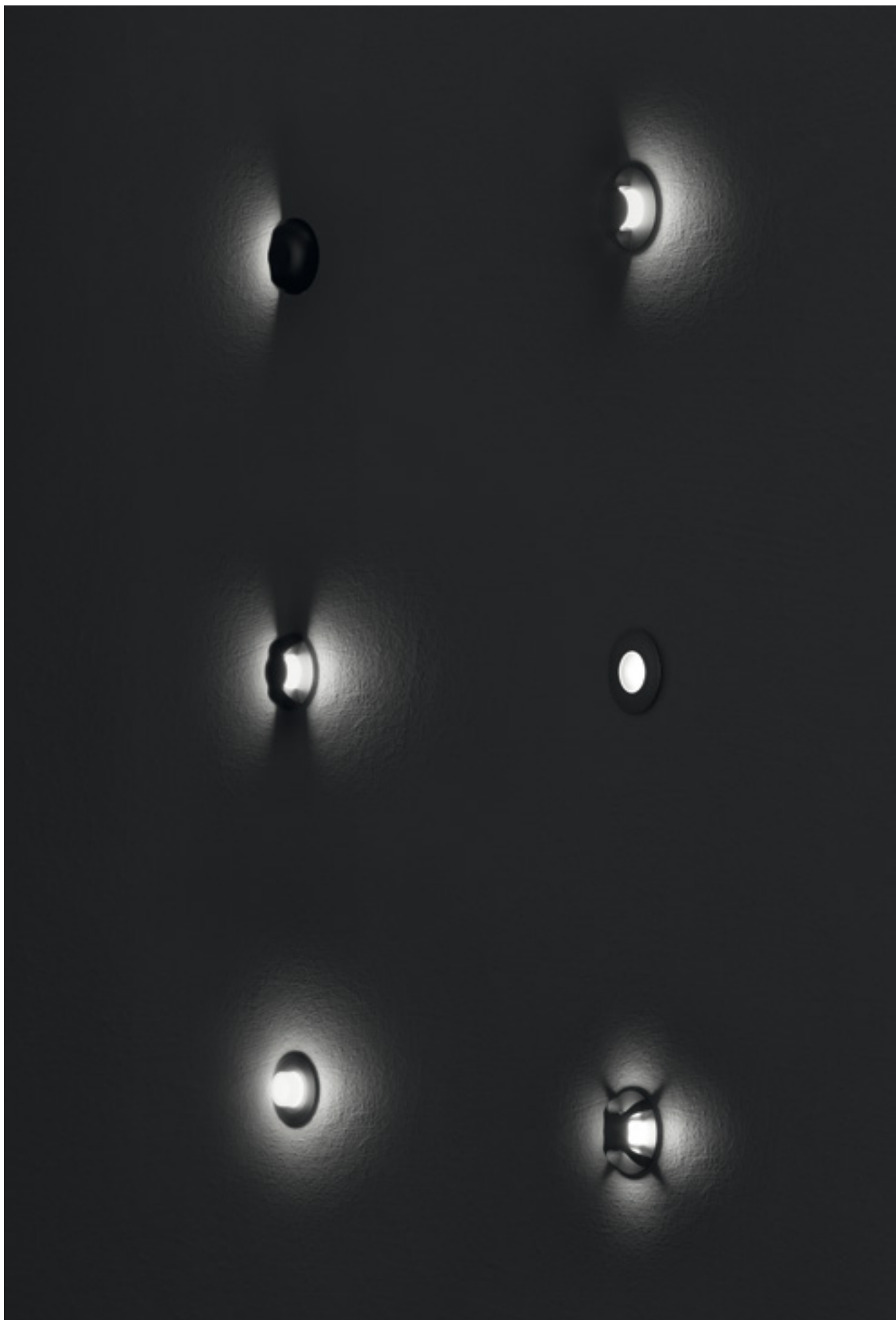
wall mira 45

Gamma ampia e completa, per gli incassi eterei installabili a parete della famiglia Wall Mira 45. Incassi invisibili, in grado di coprire le esigenze costruttive e illuminotecniche più vaste. 2 W la potenza; sei le versioni disponibili, diffuse, 360°, 180°, 120° in versione singola, 120° in versione con doppio fascio di luce e in variante quadrupla. Due le possibilità di finitura del corpo in alluminio estruso anodizzato, inox e bronze; schermo in vetro temperato con uno spessore di 6 mm. Adatto anche per installazioni a pavimento, Wall Mira 45 è un prodotto estremamente resistente, grazie all'ottima qualità costruttiva.

EN *Wide and complete range for the ethereal recessed wall installed items of the Wall Mira 45 family. Invisible recessed luminaires able to cover the widest construction and lighting requirements. 2 W power and six versions available: diffused, 360°, 180°, 120° in the single version, 120° in the version with double and quadruple light beam. The extruded anodized aluminum body is available in two finishes: stainless steel and bronze; 6 mm thick tempered glass screen. Suitable also for floor installations. Wall Mira 45 is an extremely resistant product, thanks to its excellent construction quality.*

CE EAC





wall mira 45 | 2W

SINGLE DIFFUSE

TECHNICAL SPECIFICATIONS

Source lamp

LED 2 W

Total wattage

2 W

Voltage

24 Vdc

Control

Power supply not included •
dimmable on request

Light colour

3000 K • 4000 K • other colours on request

Luminous flux
*Source flux

17 lm (160 lm*) @ 3000 K
17 lm (160 lm*) @ 4000 K

Luminous efficacy

8.5 lm/W @ 3000 K
8.5 lm/W @ 4000 K

McADAM steps

3

Beam

80°

CRI

> 90

Life time

L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

IP rating

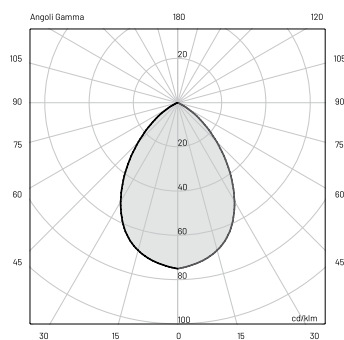
IP 66

IK rating

IK 08

Insulation class

III

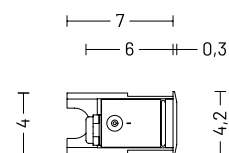


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	12	12	1.65
2.00	3	3	3.3
3.00	1	1	4.95
4.00	1	1	6.6
5.00	0	0	8.25


MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Frosted tempered glass 6 mm
Finishing	Anodized



ORDER CODE

MI 2 0 IPAD _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	

Example MI 2 0 IPADNB 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	486

AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	486
0409BT015	Transformer _ 24 Vdc - 25 W	486
0409BT016	Transformer _ 24 Vdc - 100 W	486

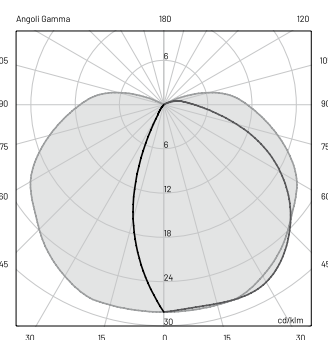
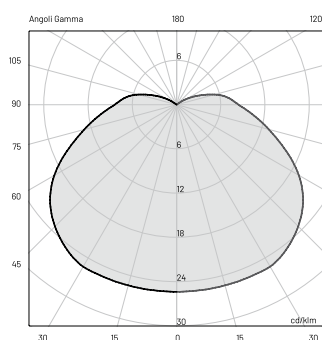
wall mira 45 | 2W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



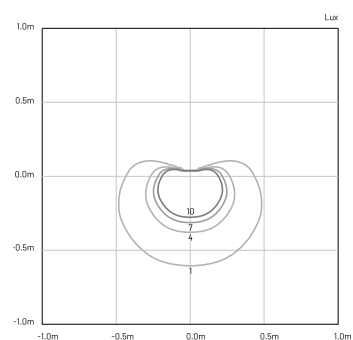
TECHNICAL SPECIFICATIONS

	360°	SINGLE 180°
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	20 lm (160 lm*) @ 3000 K 20 lm (160 lm*) @ 4000 K	14 lm (160 lm*) @ 3000 K 14 lm (160 lm*) @ 4000 K
Luminous efficacy	10 lm/W @ 3000 K 10 lm/W @ 4000 K	7 lm/W @ 3000 K 7 lm/W @ 4000 K
McADAM steps	3	3
Beam	360°	180°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	III	III



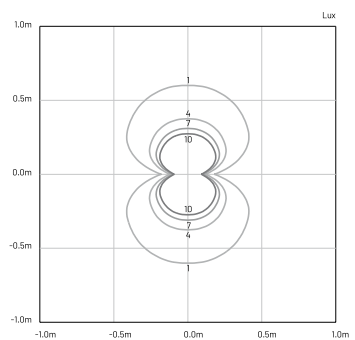
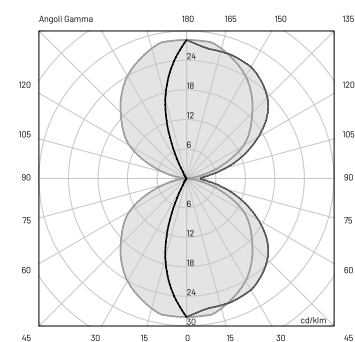
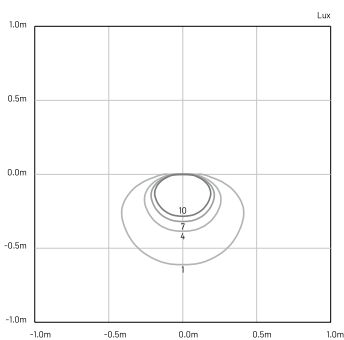
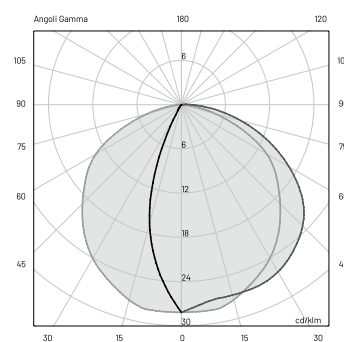
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	4	4	7.9
2.00	1	1	15.8
3.00	0	0	23.7
4.00	0	0	31.6
5.00	0	0	39.5



TECHNICAL SPECIFICATIONS

	SINGLE 120°	DOUBLE 120°
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	10 lm (160 lm*) @ 3000 K 10 lm (160 lm*) @ 4000 K	20 lm (160 lm*) @ 3000 K 20 lm (160 lm*) @ 4000 K
Luminous efficacy	5 lm/W @ 3000 K 5 lm/W @ 4000 K	10 lm/W @ 3000 K 10 lm/W @ 4000 K
McADAM steps	3	3
Beam	120°	120° / 120°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	III	III



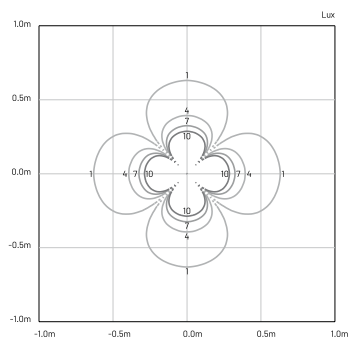
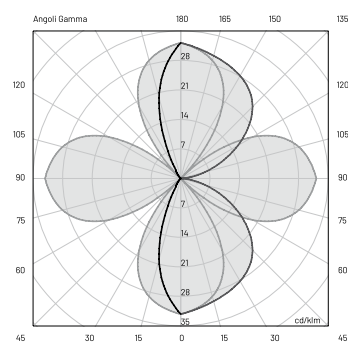
wall mira 45 | 2W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



TECHNICAL SPECIFICATIONS

	QUADRUPLE
Source lamp	LED 2 W
Total wattage	2 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	24 lm (160 lm*) @ 3000 K 24 lm (160 lm*) @ 4000 K
Luminous efficacy	12 lm/W @ 3000 K 12 lm/W @ 4000 K
McADAM steps	3
Beam	Quadruple
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	III





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Opal polycarbonate
Finishing	Anodized

ORDER CODE

MI 2 0 IPA _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	X	360°	
	T	180°	
	V	120°	
	7	Double 120°	
	9	Quadruple	

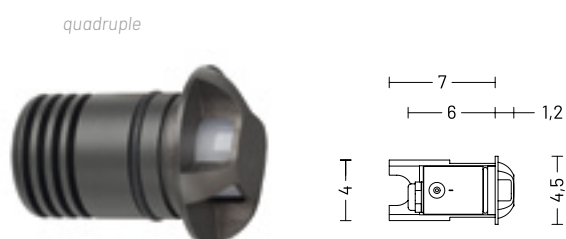
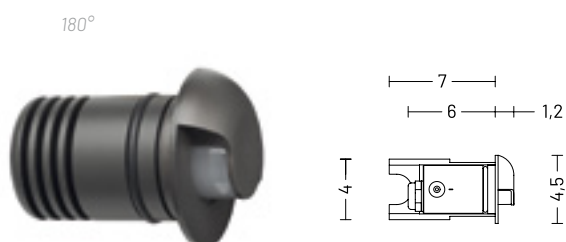
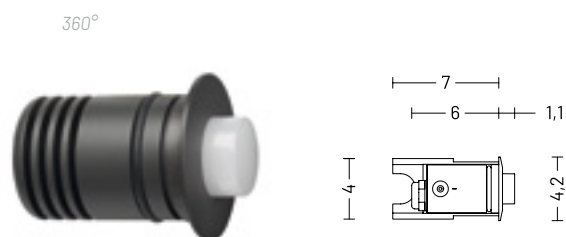
Example MI 2 0 IPA X N B 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	486

AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	486
0409BT015	Transformer _ 24 Vdc - 25 W	486
0409BT016	Transformer _ 24 Vdc - 100 W	486







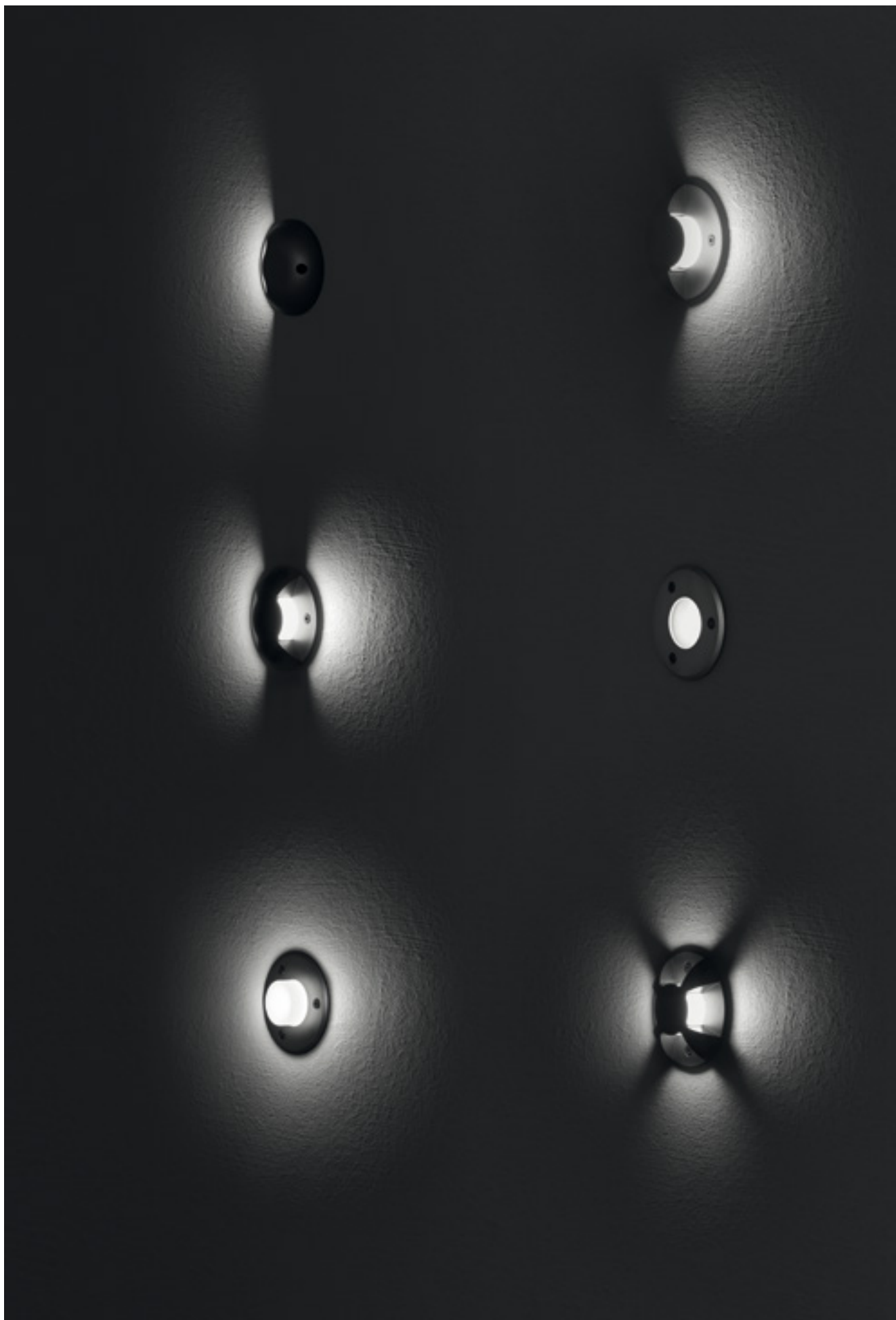
wall mira 65

Wall Mira 65 è compatto e affidabile, disponibile in sei varianti ottiche differenti e fornito con potenza di 5 o 6 W. Una gamma completa, per un incasso installabile a parete, disponibile anche a pavimento, ideale per tutte le tipologie di outdoor. Resistente all'acqua, è in grado di sopravvivere anche in condizioni estreme, grazie allo speciale trattamento in anodizzazione della superficie. Due le finiture disponibili, inox e bronze. In Wall Mira 65 l'eleganza si fonde con precisione e discrezione, per percorsi di luce scenografici e sempre funzionali.

EN Wall Mira 65 is compact and reliable, available in six different optical variants and supplied with 5 or 6 W power. A complete range for recessed wall installation, also available for floor installation and ideal for all types of outdoor installations. Water resistant, it withstands the most extreme conditions thanks to the special anodizing surface treatment. Two finishes are available, stainless steel and bronze. In Wall Mira 65 elegance blends with precision and discretion, for spectacular and always functional lighting paths.

CE EAC





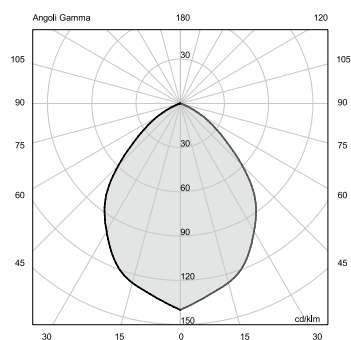
wall mira 65 | 5W

SINGLE DIFFUSE



TECHNICAL SPECIFICATIONS

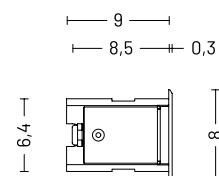
	SINGLE DIFFUSE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	220-240 Vac, 50-60Hz
Control	On/Off • dimmable on request
Light colour	3000 K
Luminous flux *Source flux	294 lm (400 lm*)
Luminous efficacy	59 lm/W
McADAM steps	3
Beam	90°
CRI	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	II



E (LUX)		
H (m)	lux (3000 K)	Ø (m)
1.00	56	1.8
2.00	14	3.5
3.00	6	5.3
4.00	3	7.1
5.00	2	8.9

MATERIALS



<i>Body</i>	<u>Extruded aluminium EN AW6060</u>
<i>Diffuser</i>	<u>Frosted tempered glass 8 mm</u>
<i>Finishing</i>	<u>Anodized</u>



ORDER CODE

MI 3 0 IPADHA10_

Finishing

<u>1</u>	<u>Inox</u>	
<u>2</u>	<u>Bronze</u>	

Example

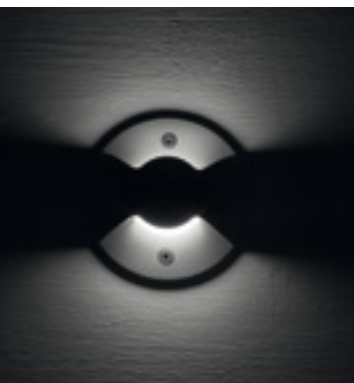
MI 3 0 IPADHA101

INCLUDED ACCESSORIES

<i>Code</i>	<i>Description</i>	<i>Page</i>
-	<u>1 m length cable H05RN-F</u>	-
-	<u>Housing box</u>	487

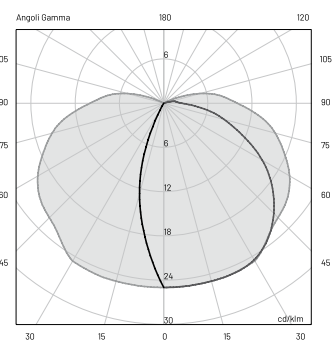
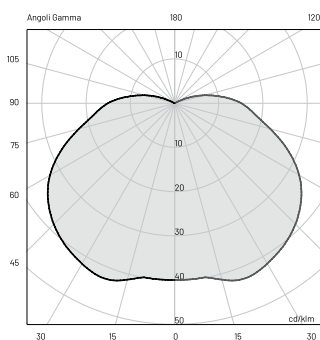
wall mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



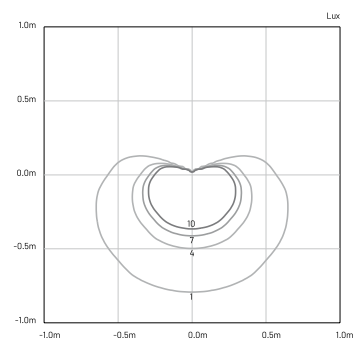
TECHNICAL SPECIFICATIONS

	360°	SINGLE 180°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K	3000 K
Luminous flux *Source flux	86 lm (400 lm*)	33 lm (400 lm*)
Luminous efficacy	17 lm/W	6.5 lm/W
McADAM steps	3	3
Beam	360°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	II	II



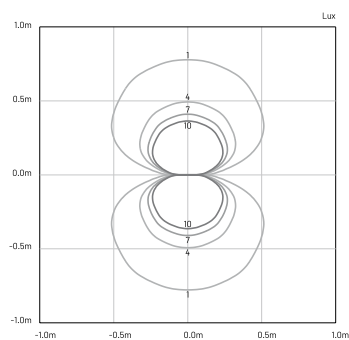
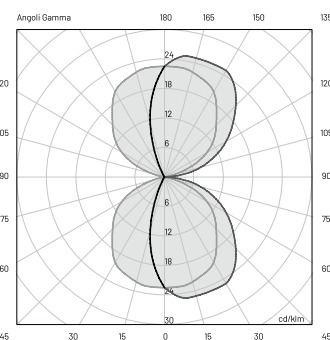
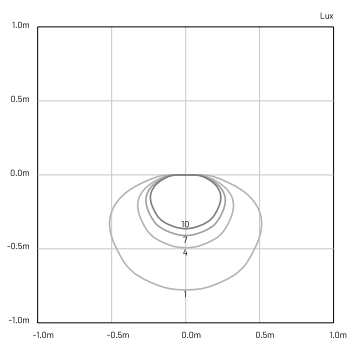
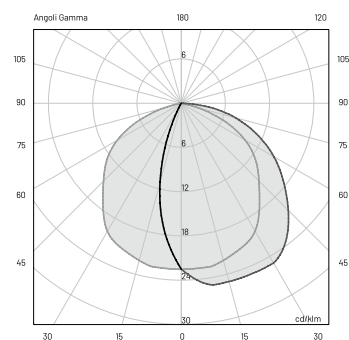
E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	16	8.4
2.00	4	16.8
3.00	2	25.2
4.00	1	33.6
5.00	1	42



TECHNICAL SPECIFICATIONS

	SINGLE 120°	DOUBLE 120°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K	3000 K
Luminous flux *Source flux	21 lm (400 lm*)	42 lm (400 lm*)
Luminous efficacy	4 lm/W	8.5 lm/W
McADAM steps	3	3
Beam	120°	120° / 120°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	II	II



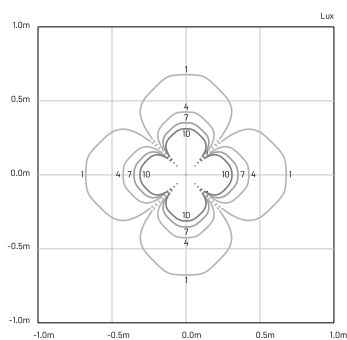
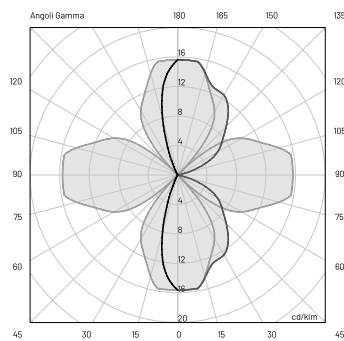
wall mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



TECHNICAL SPECIFICATIONS



	QUADRUPLE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K
Luminous flux *Source flux	43 lm (400 lm*)
Luminous efficacy	8.5 lm/W
McADAM steps	3
Beam	Quadruple
CRI	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	II

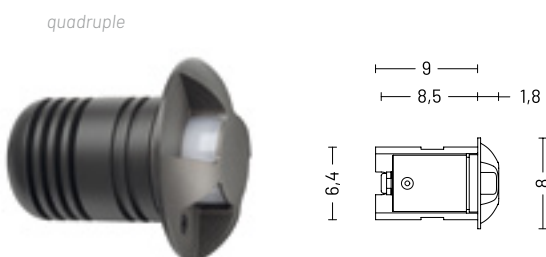
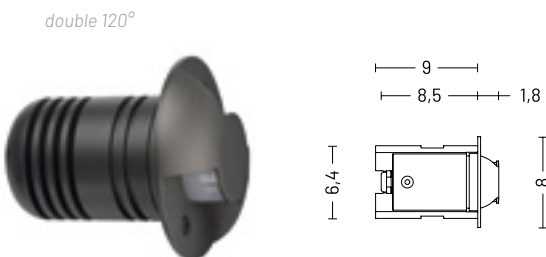
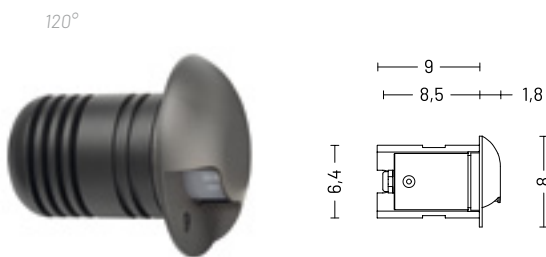
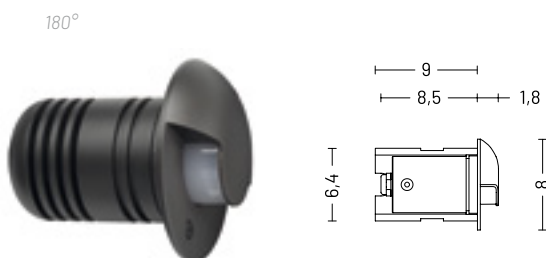
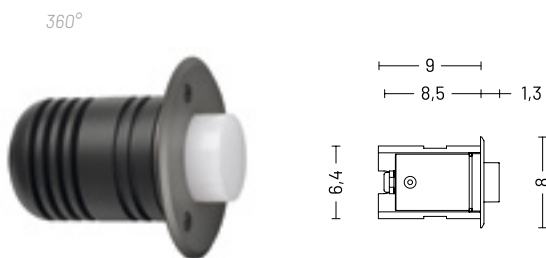


MATERIALS

<i>Body</i>	<u>Extruded aluminium EN AW6060</u>
<i>Diffuser</i>	<u>Opal polycarbonate</u>
<i>Finishing</i>	<u>Anodized</u>

ORDER CODE

MI 3 0 IPA _ H A 1 0 _	<i>Finishing</i>	<u>1</u>	<u>Inox</u>	
		<u>2</u>	<u>Bronze</u>	
MI 3 0 IPA _ H A 1 0 _	<i>Beam</i>	<u>X</u>	<u>360°</u>	
		<u>T</u>	<u>180°</u>	
		<u>V</u>	<u>120°</u>	
		<u>7</u>	<u>Double 120°</u>	
		<u>9</u>	<u>Quadruple</u>	
<i>Example</i>	<u>MI 3 0 IPA X H A 1 0 1</u>			



INCLUDED ACCESSORIES

<i>Code</i>	<i>Description</i>	<i>Page</i>
-	1 m length cable H05RN-F	-
-	Housing box	487

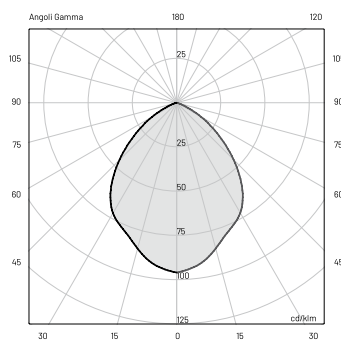
wall mira 65 | 5W

SINGLE DIFFUSE



TECHNICAL SPECIFICATIONS

Source lamp	SINGLE DIFFUSE
Total wattage	LED 5 W
Voltage	5 W
Control	24 Vdc
Light colour	Power supply not included • dimmable on request
Luminous flux *Source flux	3000 K • 4000 K • other colours on request
Luminous efficacy	88 lm (480 lm*) @ 3000 K 88 lm (480 lm*) @ 4000 K
McADAM steps	17.6 lm/W @ 3000 K 17.6 lm/W @ 4000 K
Beam	3
CRI	90°
Life time	> 90
Energy efficiency class	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
IP rating	A++
IK rating	IP 66
Insulation class	IK 08
	III

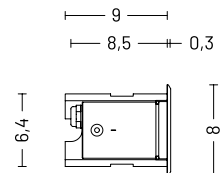


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	48	48	1.94
2.00	12	12	3.88
3.00	5	5	5.82
4.00	3	3	7.76
5.00	2	2	9.7



MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear tempered glass 8 mm
Finishing	Anodized



ORDER CODE

MI 3 0 IP A D _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	

Example MI 3 0 IP A D N B 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	487

AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	487
0409BT015	Transformer _ 24 Vdc - 25 W	487
0409BT016	Transformer _ 24 Vdc - 100 W	487





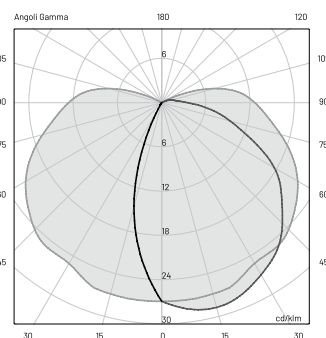
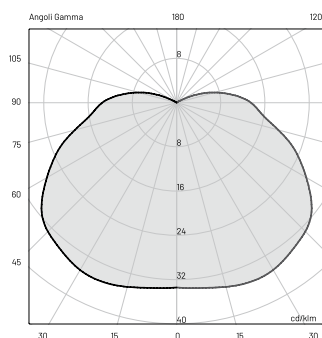
wall mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



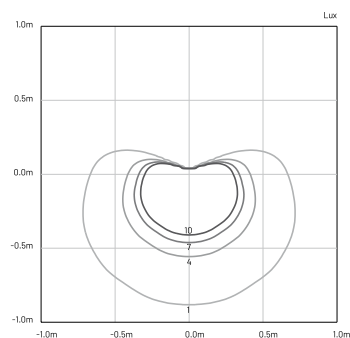
TECHNICAL SPECIFICATIONS

	360°	SINGLE 180°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	95 lm (480 lm*) @ 3000 K 95 lm (480 lm*) @ 4000 K	45 lm (480 lm*) @ 3000 K 45 lm (480 lm*) @ 4000 K
Luminous efficacy	19 lm/W @ 3000 K 19 lm/W @ 4000 K	9 lm/W @ 3000 K 9 lm/W @ 4000 K
McADAM steps	3	3
Beam	360°	180°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	III	III



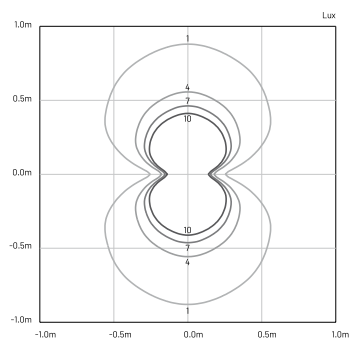
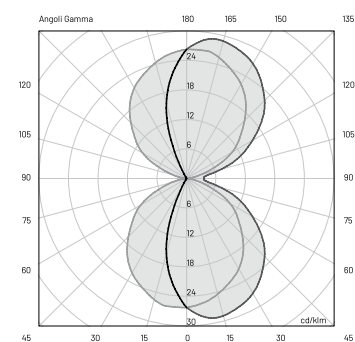
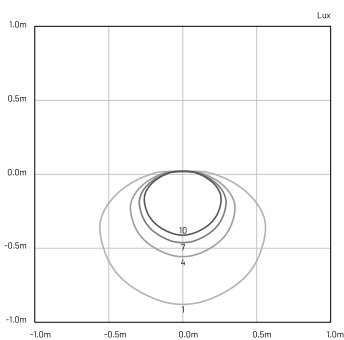
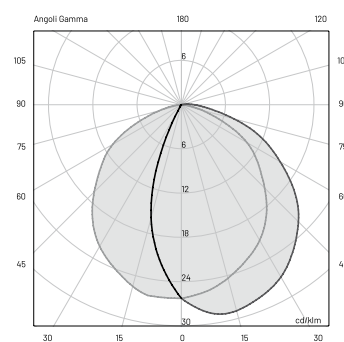
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	20	20	7.3
2.00	5	5	14.6
3.00	2	2	21.9
4.00	1	1	29.3
5.00	1	1	36.6



TECHNICAL SPECIFICATIONS

	SINGLE 120°	DOUBLE 120°
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	26 lm (480 lm*) @ 3000 K 26 lm (480 lm*) @ 4000 K	50 lm (480 lm*) @ 3000 K 50 lm (480 lm*) @ 4000 K
Luminous efficacy	5.2 lm/W @ 3000 K 5.2 lm/W @ 4000 K	10 lm/W @ 3000 K 10 lm/W @ 4000 K
McADAM steps	3	3
Beam	120°	120° / 120°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	III	III



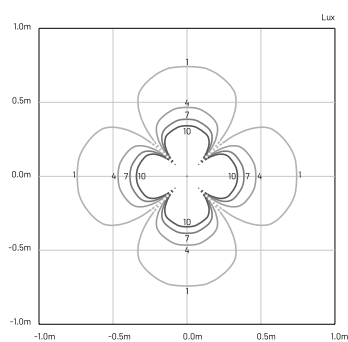
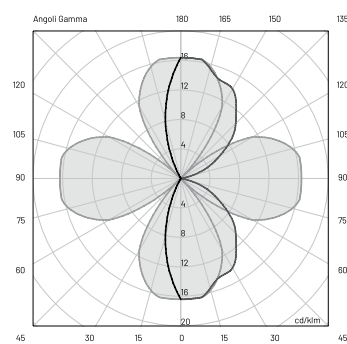
wall mira 65 | 5W

360° • SINGLE 180° • SINGLE 120° • DOUBLE 120° •
QUADRUPLE



TECHNICAL SPECIFICATIONS

	QUADRUPLE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	49 lm (480 lm*) @ 3000 K 49 lm (480 lm*) @ 4000 K
Luminous efficacy	9.8 lm/W @ 3000 K 9.8 lm/W @ 4000 K
McADAM steps	3
Beam	Quadruple
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	III





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Opal polycarbonate
Finishing	Anodized

ORDER CODE

MI 3 0 IPA _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	X	360°	
	T	180°	
	V	120°	
	7	Double 120°	
	9	Quadruple	

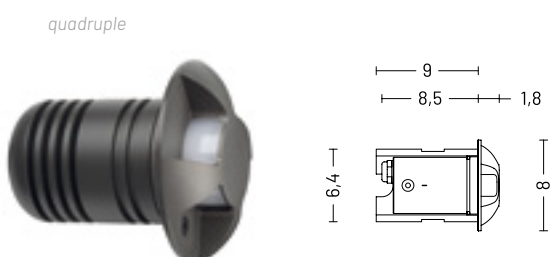
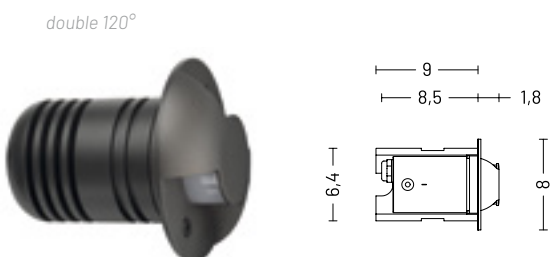
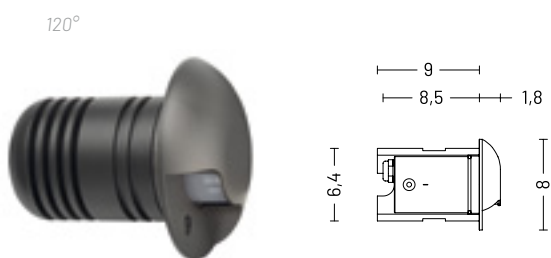
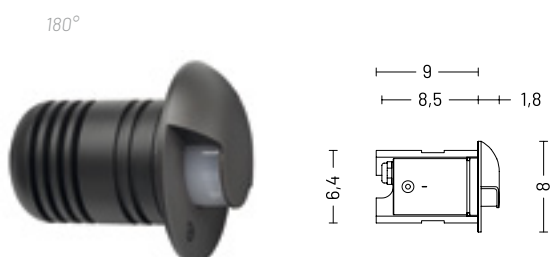
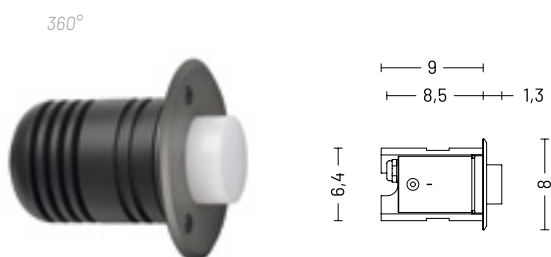
Example MI 3 0 IPA X N B 7 Z 1

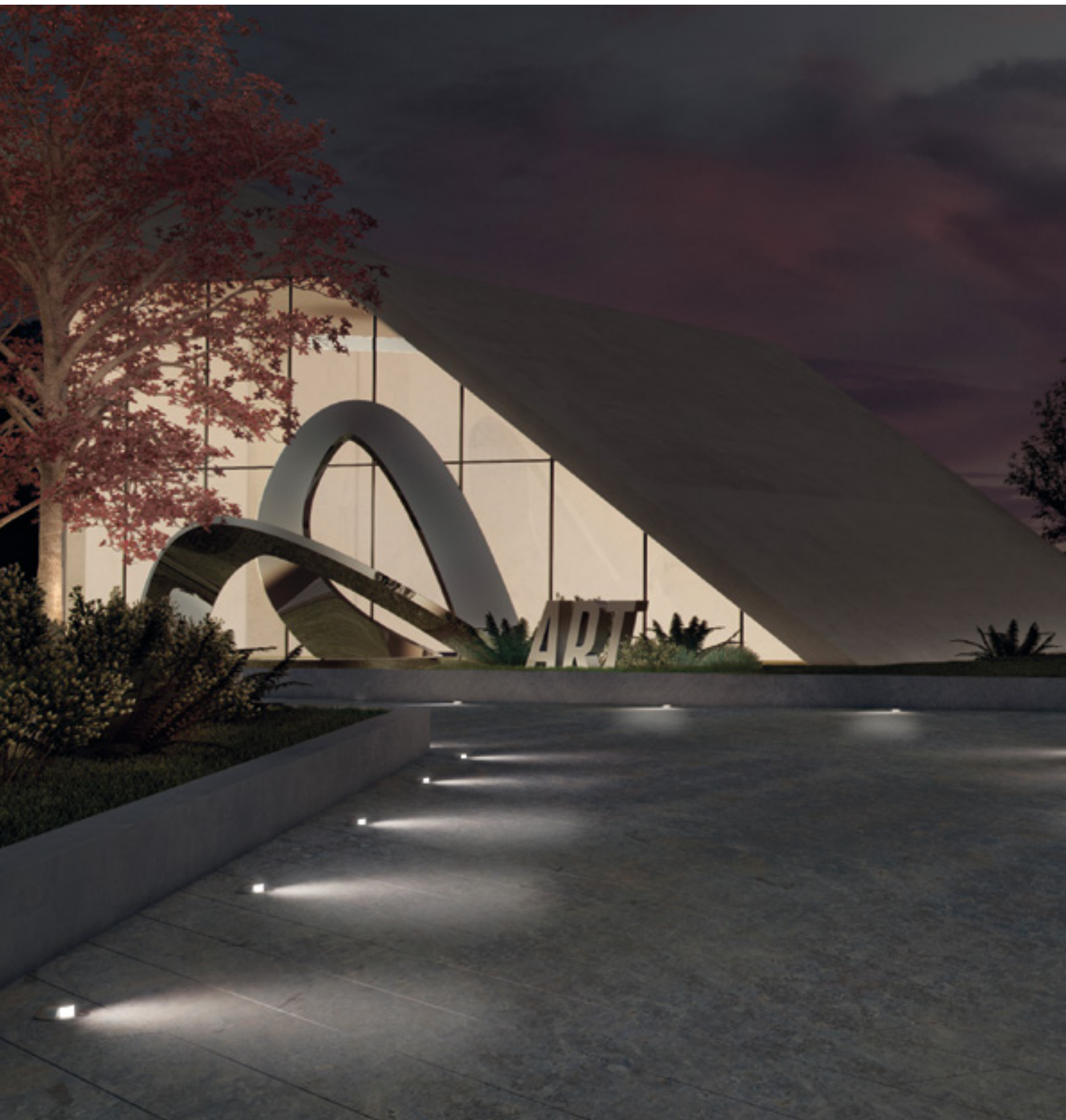
INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-
-	Housing box	487

AVAILABLE ACCESSORIES

Code	Description	Page
0409BT014	Transformer _ 24 Vdc - 12 W	487
0409BT015	Transformer _ 24 Vdc - 25 W	487
0409BT016	Transformer _ 24 Vdc - 100 W	487







WALL LAMPS

Ordine
e linee
essenziali.

[Order and essential lines.]

beam

design by Landa R&D



beam

Beam è una forza che muove il cosmo, un apparecchio pensato per installazioni a parete con ottica spot, wide e diffuse da 9 e 20 W. Un apparecchio dal fascio di luce simmetrico, ideale per gli esterni, progettato precisamente per dotare i camminamenti della luce adeguata. Beam ha una struttura meccanica perfetta, perchè caratterizzato da una finitura esterna di verniciatura in polveri di poliestere, mentre la viteria in acciaio inox per l'accoppiamento dei diversi materiali evita il pericolo e i danneggiamenti provocati da corrosione galvanica. Un prodotto disponibile con schermo opale o trasparente, e differenti finiture, per soluzioni illuminotecniche ideali ad ogni esigenza costruttiva.

EN *Beam is a force that moves the cosmos, a luminaire designed for wall installations with spot, wide and diffused 9 and 20 W optics. A fixture with a symmetrical light beam, ideal for outdoor use, purposely designed to provide walkways with adequate light. Beam has a perfect mechanical structure, it features an external polyester powder coating finish, while the screws used for assembling the different materials are made of stainless steel to avoid damage and danger caused by galvanic corrosion. A product available with opal or transparent screen and different finishes for lighting solutions ideal for every construction need.*

CE EAC



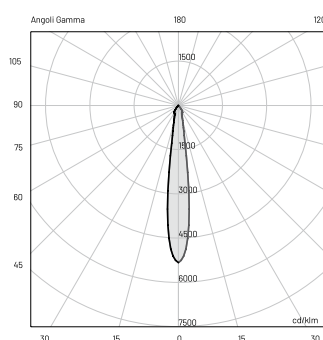


SPOT • WIDE FLOOD

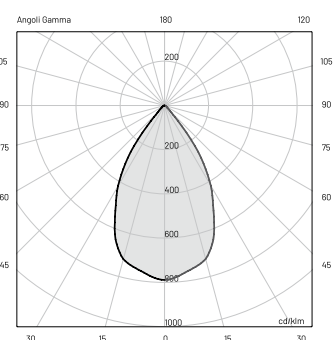


TECHNICAL SPECIFICATIONS

	SPOT	WIDE FLOOD
Source lamp	LED 9 W	LED 9 W
Total wattage	9 W	9 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off	On/Off
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	585 lm (750 lm*) @ 3000 K 620 lm (800 lm*) @ 4000 K	560 lm (750 lm*) @ 3000 K 598 lm (800 lm*) @ 4000 K
Luminous efficacy	65 lm/W @ 3000 K 69 lm/W @ 4000 K	62 lm/W @ 3000 K 67 lm/W @ 4000 K
McADAM steps	3	3
Beam	15°	60°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I



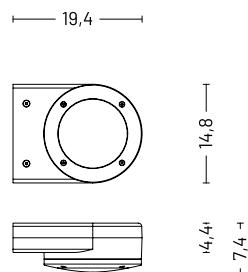
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	3995	4255	0.3
2.00	999	1064	0.5
3.00	444	473	0.8
4.00	250	266	1
5.00	160	170	1.3



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	591	630	1.2
2.00	148	157	2.4
3.00	66	70	3.6
4.00	37	39	4.8
5.00	24	25	6

MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint



ORDER CODE

BE 3 0 PAR _ _ B 1 0 _

Finishing	L	Graphite	●
	M	Light grey	●
	V	Oxide	●
	U	White	○
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	W	Wide flood	
Example	BE 3 0 PAR S N B 1 0 L		



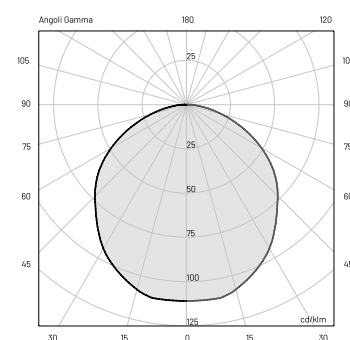
AVAILABLE ACCESSORIES

Code	Description	Page
0404M004	Single connection IP68	476



TECHNICAL SPECIFICATIONS

<i>Source lamp</i>	DIFFUSE
<i>Total wattage</i>	LED 9 W
<i>Voltage</i>	220-240 Vac, 50-60 Hz
<i>Control</i>	On/Off
<i>Light colour</i>	3000 K • 4000 K • other colours on request
<i>Luminous flux</i> <i>*Source flux</i>	300 lm (750 lm*) @ 3000 K 320 lm (800 lm*) @ 4000 K
<i>Luminous efficacy</i>	34 lm/W @ 3000 K 36 lm/W @ 4000 K
<i>McADAM steps</i>	3
<i>Beam</i>	Diffuse
<i>CRI</i>	> 90
<i>Life time</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>Energy efficiency class</i>	A++
<i>IP rating</i>	IP 65
<i>IK rating</i>	IK 08
<i>Insulation class</i>	I

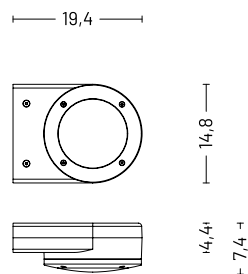


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	104	111	2.9
2.00	26	28	5.8
3.00	12	13	8.7
4.00	6	7	11.6
5.00	4	4	14.6

MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint



ORDER CODE

BE 3 2 PAR D _ B 10 _

Finishing

L Graphite ●

M Light grey ●

V Oxide ●

U White ○

Light colour

N 4000 K

H 3000 K

Example

BE 3 2 PAR D N B 10 L



AVAILABLE ACCESSORIES

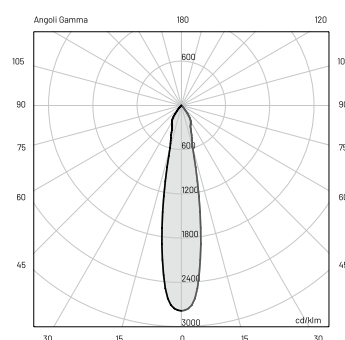
Code	Description	Page
0404M004	Single connection IP68	476

SPOT • WIDE FLOOD

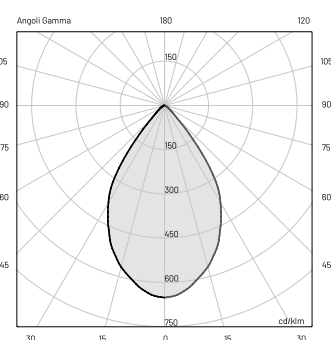


TECHNICAL SPECIFICATIONS

	SPOT	WIDE FLOOD
Source lamp	LED 20 W	LED 20 W
Total wattage	20 W	20 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off	On/Off
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1240 lm (1925 lm*) @ 3000 K 1304 lm (2050 lm*) @ 4000 K	1240 lm (1925 lm*) @ 3000 K 1300 lm (2050 lm*) @ 4000 K
Luminous efficacy	62 lm/W @ 3000 K 65 lm/W @ 4000 K	62 lm/W @ 3000 K 65 lm/W @ 4000 K
McADAM steps	3	3
Beam	20°	60°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I



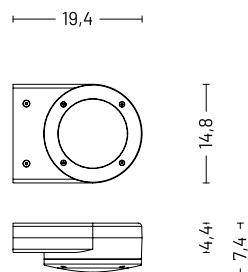
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	∅ (m)
1.00	5013	5264	0.4
2.00	1253	1316	0.7
3.00	557	585	1.1
4.00	313	329	1.5
5.00	201	211	1.8



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	∅ (m)
1.00	1172	1230	1.3
2.00	293	308	2.6
3.00	130	137	4
4.00	73	77	5.3
5.00	47	49	6.6

MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint



ORDER CODE

BE 31 PAR _ _ B 10 _

Finishing	L	Graphite	●
	M	Light grey	●
	V	Oxide	●
	U	White	○
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	W	Wide flood	
Example	BE 31 PAR S N B 10 L		



AVAILABLE ACCESSORIES

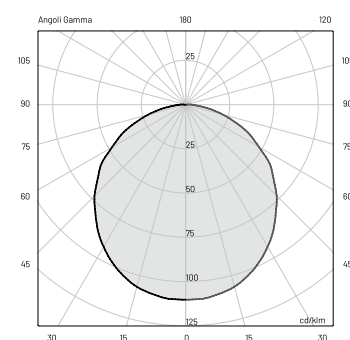
Code	Description	Page
0404M004	Single connection IP68	476



TECHNICAL SPECIFICATIONS

Source lamp	LED 20 W
Total wattage	20 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off
Light colour	3000 K • 4000 K • other colours on request
Luminous flux	720 lm (1925 lm*) @ 3000 K
Source flux	770 lm (2050 lm) @ 4000 K
Luminous efficacy	36 lm/W @ 3000 K 38.5 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I

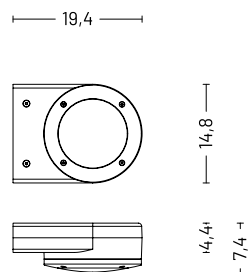
DIFFUSE			
Source lamp	LED 20 W		
Total wattage	20 W		
Voltage	220-240 Vac, 50-60 Hz		
Control	On/Off		
Light colour	3000 K • 4000 K • other colours on request		
Luminous flux	720 lm (1925 lm*) @ 3000 K		
Source flux	770 lm (2050 lm) @ 4000 K		
Luminous efficacy	36 lm/W @ 3000 K 38.5 lm/W @ 4000 K		
McADAM steps	3		
Beam	Diffuse		
CRI	> 90		
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C		
Energy efficiency class	A++		
IP rating	IP 65		
IK rating	IK 08		
Insulation class	I		



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	248	264	3
2.00	62	66	6
3.00	28	30	9
4.00	15	16	12
5.00	10	11	15

MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint



ORDER CODE

BE 33 PAR D B 10 _

Finishing	L	Graphite	●
	M	Light grey	●
	V	Oxide	●
	U	White	○
Light colour	N	4000 K	
	H	3000 K	

Example BE 33 PAR D N B 10 L



AVAILABLE ACCESSORIES

Code	Description	Page
<u>0404M004</u>	Single connection IP68	476





Impertur-
babilità
luminosa.

[Imperturbable light.]

kami

design by Landa R&D



kami

Quando la tradizione si fonde con la tecnologia, Kami illumina gli ambienti in modo perfetto. Un prodotto estremamente affidabile, longevo, versatile: una luce diffusa, quasi naturale, emanata dallo schermo opale in polycarbonato fornito con o senza griglia. Una geometria precisa, in cui luce e forma si completano, creando un fascio luminoso imperturbabile e mai invasivo. Disponibile con potenza luminosa da 10 W, il corpo in alluminio pressofuso di Kami è personalizzabile con varie finiture, dal bianco al nero, per soluzioni estetiche infinite.

EN *With Kami tradition and technology come together to illuminate rooms in a perfect way.*

An extremely reliable, long-lasting and versatile product: a diffused natural light emitted by an opal polycarbonate screen supplied with or without grid. Precise geometry where light and shape complement each other creating an imperturbable and never invasive light beam. Available with 10 W power, the Kami die-cast aluminum body can be customized with various finishes, from white to black, for infinite aesthetic solutions.

CE EAC

KAMI | CEILING LAMP > 270





kami_1

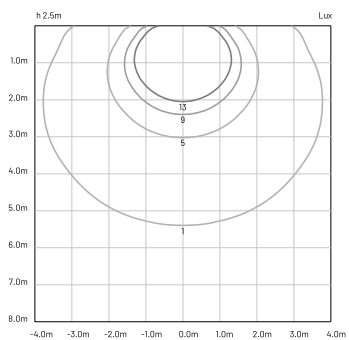
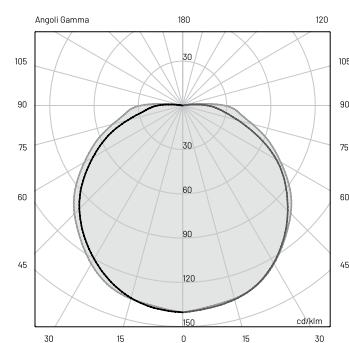
DIFFUSE

| 10W



TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 10 W
Total wattage	13 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	570 lm (1200 lm*) @ 3000 K 610 lm (1300 lm*) @ 4000 K
Luminous efficacy	44 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Opal polycarbonate
<i>Finishing</i>	Polyester powder paint

ORDER CODE

KA10POSD_B10_

Finishing

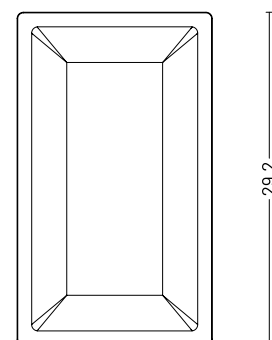
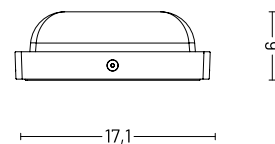
L	Graphite	●
M	Light grey	●
V	Oxide	●
G	Black	●
U	White	○

Light colour

N	4000 K
H	3000 K

Example

KA10POSDHB10L



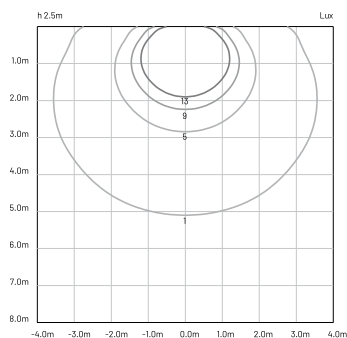
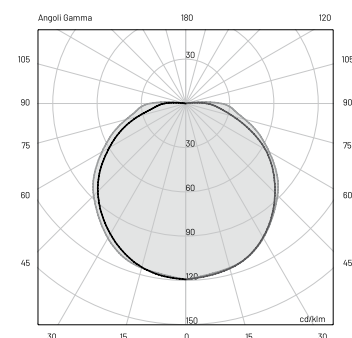
kami_2

DIFFUSE

| 10W


**TECHNICAL
SPECIFICATIONS**

<i>Source lamp</i>	DIFFUSE
<i>Total wattage</i>	LED 10 W
<i>Voltage</i>	13 W
<i>Control</i>	220-240 Vac, 50-60 Hz
<i>Light colour</i>	On/Off • dimmable on request
<i>Luminous flux</i> <i>*Source flux</i>	3000 K • 4000 K • other colours on request
<i>Luminous efficacy</i>	570 lm (1200 lm*) @ 3000 K 610 lm (1300 lm*) @ 4000 K
<i>McADAM steps</i>	44 lm/W @ 3000 K 47 lm/W @ 4000 K
<i>Beam</i>	3
<i>CRI</i>	Diffuse
<i>Life time</i>	> 90
<i>Energy efficiency class</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>IP rating</i>	A++
<i>IK rating</i>	IP 65
<i>Insulation class</i>	IK 08
	I



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint

ORDER CODE

KA 2 0 POS D _ B 1 0 _

Finishing

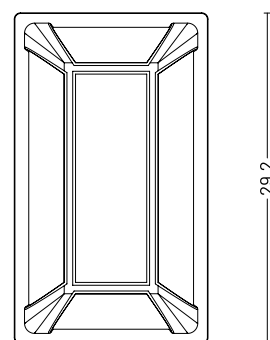
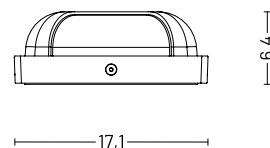
L	Graphite	●
M	Light grey	●
V	Oxide	●
G	Black	●
U	White	○

Light colour

N	4000 K
H	3000 K

Example

KA 2 0 POS D H B 1 0 L





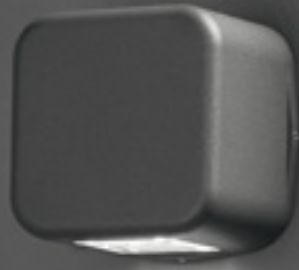


Armonia e funzionalità.

[Harmony and functionality.]

kubs

design by Landa R&D



kubs

Quattro lati e un'assoluta tridimensionalità per Kubs, apparecchio a parete perfetto per la valorizzazione delle facciate attraverso una luce semplice e scenografica.

Un design armonico, compatto; un apparecchio fornito con potenza 3 e 6 W a mono o biemissione con ottiche spot e flood. La doppia possibilità di finitura, graphite e oxide ne amplia le potenzialità di installazione, unendo la funzione estetica alla qualità tecnica.

Fasci di luce precisi, per effetti d'impatto su edifici residenziali e ricettivi.

EN *Four sides and absolute 3D, Kubs is a perfect wall luminaire for the enhancement of facades through a simple and scenic light. A harmonious compact design; a luminaire supplied with 3 and 6 W single- or double-emission power with spot and flood optics.*

Two available finishes, graphite and oxide, increase the variety of possible installations, combining aesthetic function with technical quality. Precise light beams for high impact effects on residential and receptive buildings.

CE EAC

KUBS | BOLLARD > 366



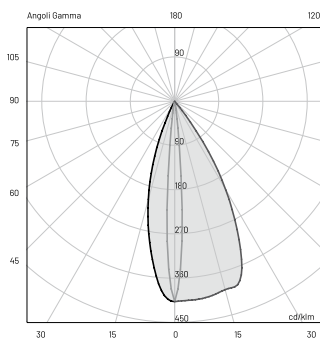


SINGLE SPOT • SINGLE FLOOD



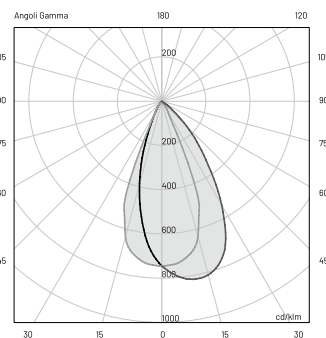
TECHNICAL SPECIFICATIONS

	SINGLE SPOT	SINGLE FLOOD
Source lamp	LED 3 W	LED 3 W
Total wattage	5.5 W	5.5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • other colours on request	3000 K • other colours on request
Luminous flux *Source flux	15 lm (260 lm*)	128 lm (260 lm*)
Luminous efficacy	3 lm/W	24 lm/W
McADAM steps	3	3
Beam	10°	45°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	106	0.15
2.00	26	0.3
3.00	12	0.45
4.00	7	0.6
5.00	4	0.75

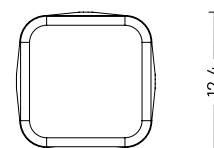
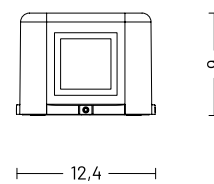


E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	205	0.8
2.00	51	1.6
3.00	23	2.4
4.00	13	3.2
5.00	8	4

MATERIALS

<i>Body</i>	<u>Die-cast aluminium EN47100</u>
<i>Diffuser</i>	<u>Extra clear PMMA</u>
<i>Finishing</i>	<u>Polyester powder paint</u>



ORDER CODE

KU 3 0 PAR _ HB 10 _

Finishing	<u>L</u>	Graphite	●
	<u>V</u>	Oxide	●
Beam	<u>S</u>	Spot	
	<u>F</u>	Flood	

Example KU 3 0 PAR S HB 10 L

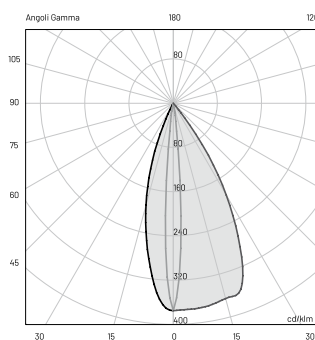


SINGLE SPOT • SINGLE FLOOD



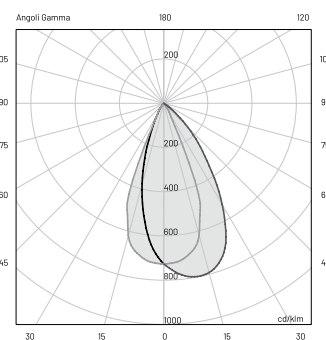
TECHNICAL SPECIFICATIONS

	SINGLE SPOT	SINGLE FLOOD
Source lamp	LED 6 W	LED 6 W
Total wattage	9 W	9 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • other colours on request	3000 K • other colours on request
Luminous flux *Source flux	26 lm (520 lm*)	250 lm (520 lm*)
Luminous efficacy	3 lm/W	28 lm/W
McADAM steps	3	3
Beam	10°	45°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	195	0.15
2.00	49	0.3
3.00	22	0.45
4.00	12	0.6
5.00	8	0.75

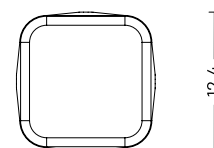
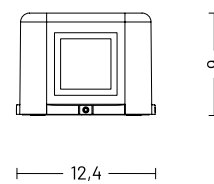


E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	400	0.8
2.00	100	1.6
3.00	44	2.4
4.00	25	3.2
5.00	16	4

MATERIALS

<i>Body</i>	<u>Die-cast aluminium EN47100</u>
<i>Diffuser</i>	<u>Extra clear PMMA</u>
<i>Finishing</i>	<u>Polyester powder paint</u>



ORDER CODE

KU 31 PAR HB 10 _

Finishing	L	Graphite	●
	V	Oxide	●
Beam	S	Spot	
	F	Flood	

Example KU 31 PAR S HB 10 L

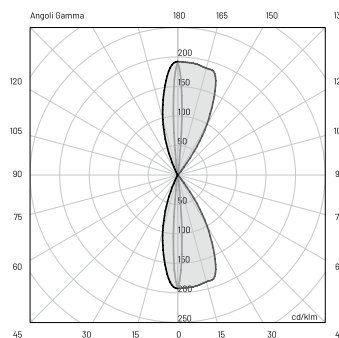


DOUBLE SPOT • DOUBLE FLOOD • DOUBLE SPOT/FLOOD



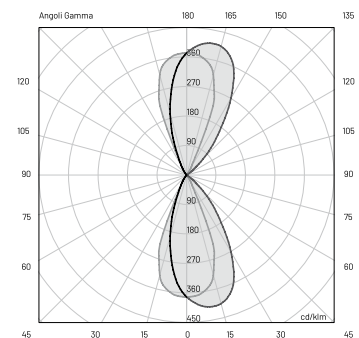
TECHNICAL SPECIFICATIONS

	DOUBLE SPOT	DOUBLE FLOOD
Source lamp	LED 6 W	LED 6 W
Total wattage	9 W	9 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • other colours on request	3000 K • other colours on request
Luminous flux *Source flux	30 lm (520 lm*)	256 lm (520 lm*)
Luminous efficacy	3.5 lm/W	29 lm/W
McADAM steps	3	3
Beam	10° / 10°	45° / 45°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	2 x 106	0.15
2.00	2 x 26	0.3
3.00	2 x 12	0.45
4.00	2 x 7	0.6
5.00	2 x 4	0.75

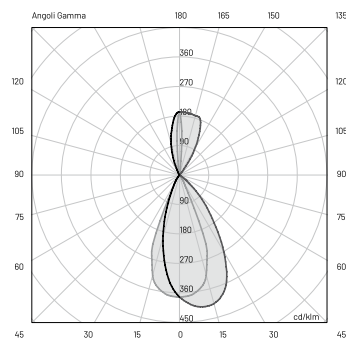


E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	2 x 205	0.8
2.00	2 x 51	1.6
3.00	2 x 23	2.4
4.00	2 x 13	3.2
5.00	2 x 8	4

TECHNICAL SPECIFICATIONS

	DOUBLE SPOT/FLOOD
Source lamp	LED 6 W
Total wattage	9 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • other colours on request
Luminous flux *Source flux	143 lm (520 lm*)
Luminous efficacy	16 lm/W
McADAM steps	3
Beam	10° / 45°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



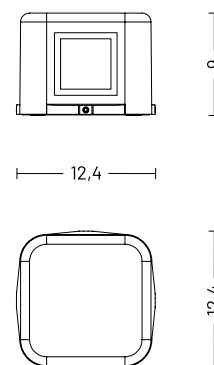
E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	205 / 106	0.8 / 0.15
2.00	51 / 26	1.6 / 0.3
3.00	23 / 12	2.4 / 0.45
4.00	13 / 7	3.2 / 0.6
5.00	8 / 4	4 / 0.75



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear PMMA
<i>Finishing</i>	Polyester powder paint



ORDER CODE

KU 3 0 PAR _ HB 10 _

Finishing	L	Graphite	●
	V	Oxide	●
Beam	1	Double spot	
	3	Double flood	
	6	Double spot/flood	

Example KU 3 0 PAR1HB 10 L



Minimalismo
e tridimensio-
nalità.

[Minimalism and 3D.]

lako

design by Landa R&D



Lako

Una luce asimmetrica, quella di Lako, apparecchio mono o bi-emissione installabile a parete e perfetto per l'illuminazione funzionale delle superfici.

Una luce uniforme diffusa dallo schermo opale, un design moderno, funzionale e minimalista, perfettamente integrabile nel contesto di progettazione, grazie all'estrema adattabilità della finitura in vernice a polvere color graphite.

Tecnologico nella sua semplicità, minimal nella sua tridimensionalità: il corpo cilindrico di Lako, realizzato in alluminio pressofuso ed estruso, è estremamente resistente in condizioni outdoor particolarmente estreme.

EN *Lako provides asymmetrical light. A wall-mounted single or double emission luminaire, perfect for functional surface lighting.*

The uniform light diffuse by the opal screen, a modern, functional and minimalist design, perfectly integrated into the design context thanks to the great adaptability of the graphite powder paint finish.

Technological in its simplicity, minimal in its 3D: the Lako's cylindrical body, made of die-cast and extruded aluminum, is highly resistant to extreme outdoor conditions.

CE EAC

LAKO | BOLLARD > 378





ASYMMETRIC • DOUBLE ASYMMETRIC

TECHNICAL SPECIFICATIONS

Source lamp

ASYMMETRIC

LED 6 W

DOUBLE ASYMMETRIC

LED 6 W

Total wattage

6 W

6 W

Voltage

220-240 Vac, 50-60 Hz

220-240 Vac, 50-60 Hz

Control

On/Off

On/Off

Light colour

3000 K

3000 K

Luminous flux
*Source flux

108 lm (600 lm*)

216 lm (600 lm*)

Luminous efficacy

18 lm/W

36 lm/W

McADAM steps

3

3

Beam

Asymmetric

Double Asymmetric

CRI

> 90

> 90

Life time

L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°CL70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

A++

IP rating

IP 65

IP 65

IK rating

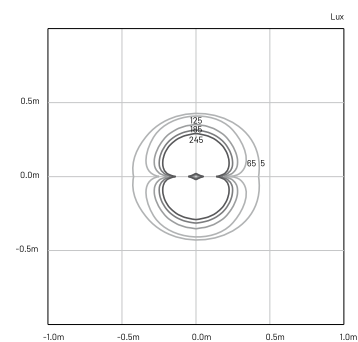
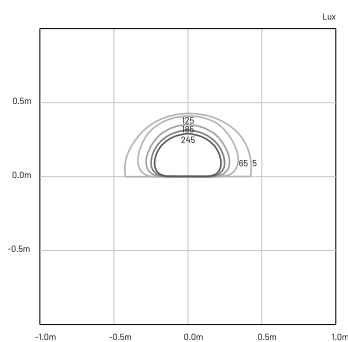
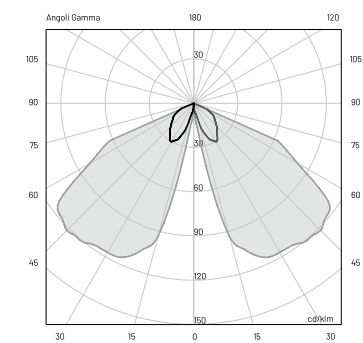
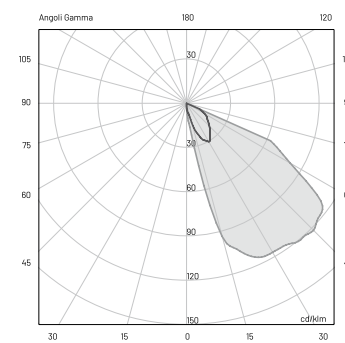
IK 08

IK 08


Insulation class

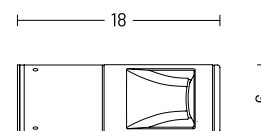
II

II



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
<i>Diffuser</i>	Opal polycarbonate
<i>Finishing</i>	Polyester powder paint graphite 



ORDER CODE

LA 2 0 018 _ HB 10 L

<i>Beam</i>	A Asymmetric
	Double
	4 Asymmetric

Example LA 2 0 018 **A** H B 10 L







Anima
luminosa.

[Bright soul.]

lyras

design by Landa R&D



lyras 80

Lyras 80 è disponibile con ottica spot, medium e wide flood emissione singola 4.5 W o doppia 9 W. Un apparecchio dalla struttura in alluminio pressofuso EN-47100, con ottima resistenza alla ossidazione ottenuta con specifici trattamenti. Gli accoppiamenti meccanici sono protetti con guarnizioni in EPDM 70SH, per un'efficienza perfetta.

Disponibile anche per applicazioni a soffitto, Lyras 80 ha un design minimal ed efficienza e resa perfette. Le elevate prestazioni di Lyras 80 sono l'ideale per applicazioni in ambienti esterni: l'utilizzo di riflettori in tecnopolimero con speciale trattamento superficiale di metallizzazione in alto vuoto e le ottimizzazioni effettuate sugli accoppiamenti dei componenti, infatti, permettono di raggiungere un'ottima resistenza, oltre ad un'alta emissione luminosa accentuata dal vetro extra chiaro temprato di 8 mm.

EN Lyras 80 is available with spot, medium and wide flood optics, 4.5 W single emission or 9 W double emission. A luminaire with an EN-47100 die-cast aluminum structure, with excellent resistance to oxidation obtained with specific treatments. The mechanical couplings are protected with 70SH EPDM gaskets for a perfect seal.

Available also for ceiling installation, Lyras 80 has a minimalist design and perfect efficiency and performance. The high performance of Lyras 80 is ideal for outdoor installations: the use of thermoplastics reflectors with special high vacuum metallization surface treatment and the optimizations made on the component couplings allow achieving excellent resistance, as well as a high light output emphasized by the 8 mm extra clear tempered glass.

CE EAC

LYRAS 80 | CEILING LAMP > 288





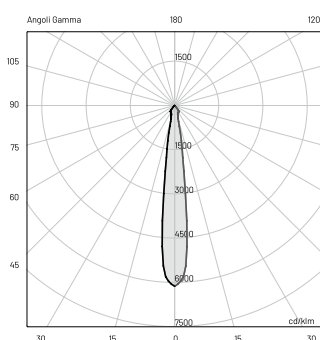
lyras 80 | 4.5W

SINGLE SPOT • SINGLE MEDIUM • SINGLE WIDE FLOOD

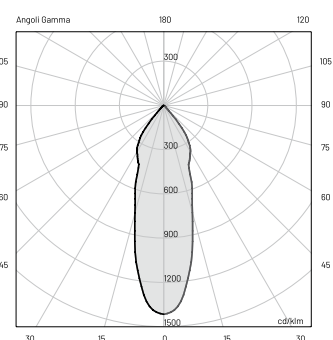


TECHNICAL SPECIFICATIONS

	SINGLE SPOT	SINGLE MEDIUM
Source lamp	LED 4.5 W	LED 4.5 W
Total wattage	6.4 W	6.4 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	400 lm (500 lm*) @ 3000 K 400 lm (500 lm*) @ 4000 K	384 lm (500 lm*) @ 3000 K 384 lm (500 lm*) @ 4000 K
Luminous efficacy	62.5 lm/W @ 3000 K 62.5 lm/W @ 4000 K	60 lm/W @ 3000 K 60 lm/W @ 4000 K
McADAM steps	3	3
Beam	14°	32°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



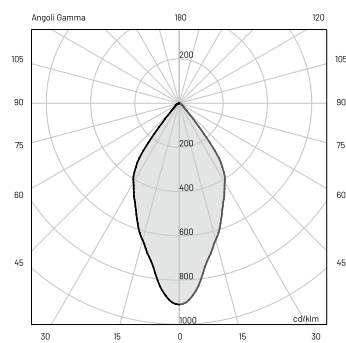
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	3080	3080	0.2
2.00	770	770	0.5
3.00	342	342	0.7
4.00	193	193	1
5.00	123	123	1.2



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	712	712	0.6
2.00	178	178	1.1
3.00	79	79	1.7
4.00	44	44	2.3
5.00	28	28	2.9

TECHNICAL SPECIFICATIONS

	SINGLE WIDE FLOOD
Source lamp	LED 4,5 W
Total wattage	6.4 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	384 lm (500 lm*) @ 3000 K 384 lm (500 lm*) @ 4000 K
Luminous efficacy	60 lm/W @ 3000 K 60 lm/W @ 4000 K
McADAM steps	3
Beam	54°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	I



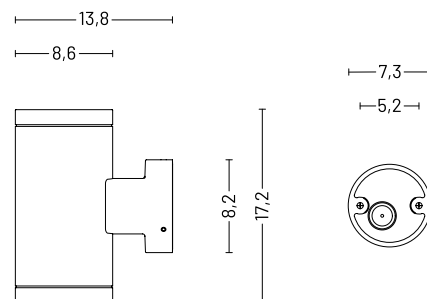
E (LUX)

H(m)	lux (3000 K)	lux (4000 K)	Ø(m)
1.00	458	458	1
2.00	114	114	2
3.00	51	51	3
4.00	29	29	4
5.00	18	18	5



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear tempered glass 8 mm
<i>Finishing</i>	Polyester powder paint



ORDER CODE

LY 5.0 PAR _ _ B10 _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	M	Medium	
	W	Wide flood	

Example LY 5.0 PAR S N B10 L



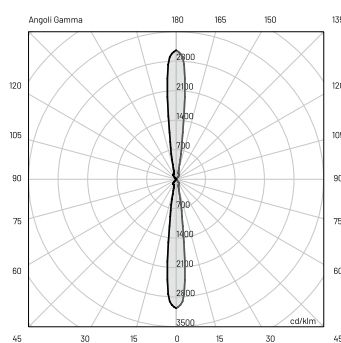
lyras 80 | 9W

DOUBLE SPOT • DOUBLE MEDIUM • DOUBLE WIDE FLOOD •
DOUBLE SPOT/WIDE FLOOD

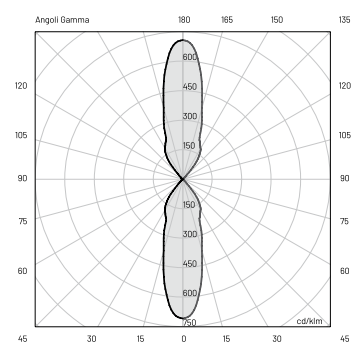


TECHNICAL SPECIFICATIONS

	DOUBLE SPOT	DOUBLE MEDIUM
Source lamp	LED 9 W	LED 9 W
Total wattage	12 W	12 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	800 lm (1000 lm*) @ 3000 K 800 lm (1000 lm*) @ 4000 K	768 lm (1000 lm*) @ 3000 K 768 lm (1000 lm*) @ 4000 K
Luminous efficacy	67 lm/W @ 3000 K 67 lm/W @ 4000 K	64 lm/W @ 3000 K 64 lm/W @ 4000 K
McADAM steps	3	3
Beam	14° / 14°	32° / 32°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



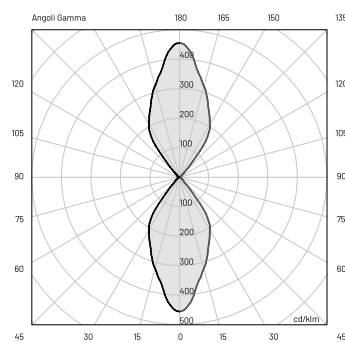
H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	2 x 3080	2 x 3080	0.2
2.00	2 x 770	2 x 770	0.5
3.00	2 x 342	2 x 342	0.7
4.00	2 x 193	2 x 193	1
5.00	2 x 123	2 x 123	1.2



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	2 x 712	2 x 712	0.6
2.00	2 x 178	2 x 178	1.1
3.00	2 x 79	2 x 79	1.7
4.00	2 x 44	2 x 44	2.3
5.00	2 x 28	2 x 28	2.9

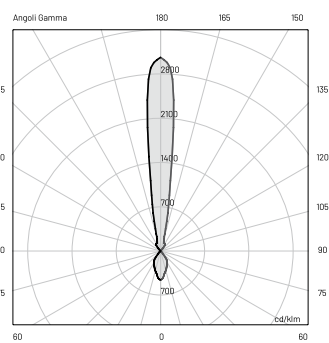
TECHNICAL SPECIFICATIONS

	DOUBLE WIDE FLOOD	DOUBLE SPOT/WIDE FLOOD
Source lamp	LED 9 W	LED 9 W
Total wattage	12 W	12 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	768 lm (1000 lm*) @ 3000 K 768 lm (1000 lm*) @ 4000 K	784 lm (1000 lm*) @ 3000 K 784 lm (1000 lm*) @ 4000 K
Luminous efficacy	64 lm/W @ 3000 K 64 lm/W @ 4000 K	65 lm/W @ 3000 K 65 lm/W @ 4000 K
McADAM steps	3	3
Beam	54° / 54°	14° / 54°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	2 x 458	2 x 458	1
2.00	2 x 114	2 x 114	2
3.00	2 x 51	2 x 51	3
4.00	2 x 29	2 x 29	4
5.00	2 x 18	2 x 18	5



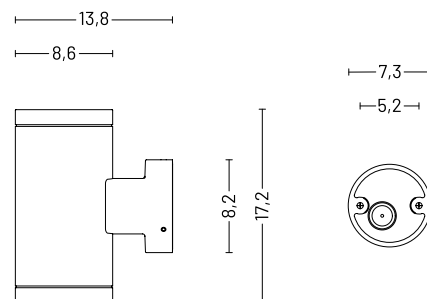
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	3080 / 458	3080 / 458	0.2 / 1
2.00	770 / 114	770 / 114	0.5 / 2
3.00	342 / 51	342 / 51	0.7 / 3
4.00	193 / 29	193 / 29	1 / 4
5.00	123 / 18	123 / 18	1.2 / 5



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear tempered glass 8 mm
<i>Finishing</i>	Polyester powder paint



ORDER CODE

LY 5.0 PAR _ _ B10 _

<i>Finishing</i>	L	Graphite	●
	M	Light grey	●
<i>Light colour</i>	N	4000 K	
	H	3000 K	
<i>Beam</i>	1	Double spot	
	2	Double medium	
	3	Double wide flood	
	6	Double spot/wide flood	

Example LY 5.0 PAR 1 N B 10 L



lyras 130

Vetro extra chiaro temprato di 13 mm e potenza di 10 W e 20 W per Lyras 130, disponibile con ottica spot, medium e wide flood mono o bi-emissione.

Fasci di luce che comunicano con gli spazi, illuminandoli senza alcuna esitazione. Un cilindro perfetto, con finiture graphite e light grey ottime per le installazioni più variegata possibili. Oltre a diffondere una luce perfetta, Lyras 130 è particolarmente indicato e resistente anche in condizioni outdoor estreme, grazie alla componentistica in acciaio inox A4 e le guarnizioni di protezione in EPDM 70SH.

Apparecchio installabile a parete e disponibile anche a soffitto, Lyras 130 ha un corpo in alluminio pressofuso EN-47100, resistente all'ossidazione.

EN 13 mm extra clear tempered glass and 10 W and 20 W power for Lyras 130, available with spot, medium and wide flood, single or double emission optics.

Light beams that illuminate the spaces, communicating with them without hesitation. A perfect cylinder, with graphite and light grey finishes that are excellent for the most varied installations. In addition to providing perfect light, Lyras 130 is particularly suitable and resistant even under extreme outdoor conditions, thanks to the A4 stainless steel components and the 70SH EPDM protective gaskets.

Lyras 130 can be either wall- or ceiling-mounted. It has an EN-47100 die-cast aluminum body, resistant to oxidation.

CE ENEC

LYRAS 130 | CEILING LAMP > 294





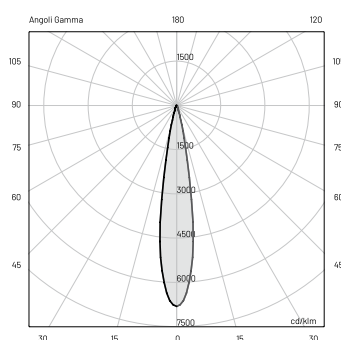
lyras 130 | 10W

SINGLE SPOT • SINGLE MEDIUM • SINGLE WIDE FLOOD

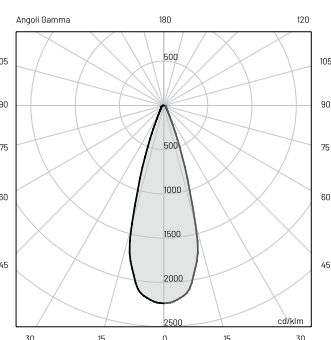


TECHNICAL SPECIFICATIONS

	SINGLE SPOT	SINGLE MEDIUM
Source lamp	LED 10 W	LED 10 W
Total wattage	12.5 W	12.5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1144 lm (1300 lm*) @ 3000 K 1144 lm (1300 lm*) @ 4000 K	1128 lm (1300 lm*) @ 3000 K 1128 lm (1300 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K	90 lm/W @ 3000 K 90 lm/W @ 4000 K
McADAM steps	3	3
Beam	18°	33°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



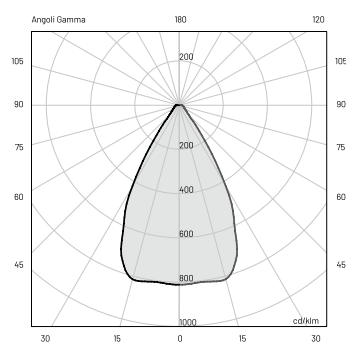
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	8850	8850	0.3
2.00	2212	2212	0.6
3.00	983	983	0.9
4.00	553	553	1.2
5.00	354	354	1.6



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	2905	2905	0.6
2.00	726	726	1.1
3.00	323	323	1.8
4.00	182	182	2.4
5.00	116	116	3

TECHNICAL SPECIFICATIONS

	SINGLE WIDE FLOOD
Source lamp	LED 10 W
Total wattage	12.5 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1144 lm (1300 lm*) @ 3000 K 1144 lm (1300 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K
McADAM steps	3
Beam	60°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	I



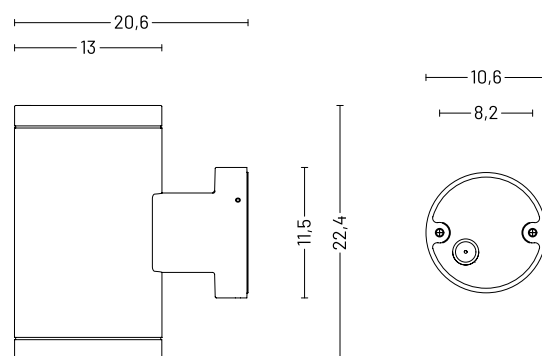
E (LUX)

H(m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1054	1054	1.2
2.00	264	264	2.3
3.00	117	117	3.5
4.00	66	66	4.7
5.00	42	42	5.9



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear tempered glass 13 mm
<i>Finishing</i>	Polyester powder paint



ORDER CODE

LY70PAR__B10_

<i>Finishing</i>	L	Graphite	●
	M	Light grey	●
<i>Light colour</i>	N	4000 K	
	H	3000 K	
<i>Beam</i>	S	Spot	
	M	Medium	
	W	Wide flood	

Example LY70PARSNB10L



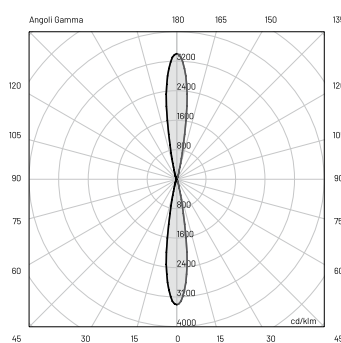
lyras 130 | 20W

DOUBLE SPOT • DOUBLE MEDIUM • DOUBLE WIDE FLOOD •
DOUBLE SPOT/WIDE FLOOD

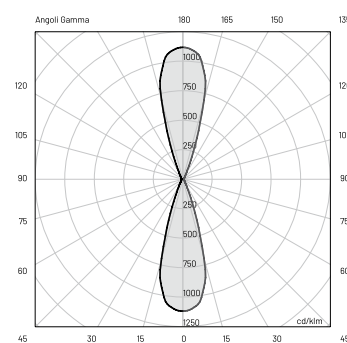


TECHNICAL SPECIFICATIONS

	DOUBLE SPOT	DOUBLE MEDIUM
Source lamp	LED 20 W	LED 20 W
Total wattage	25 W	25 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	2288 lm (2600 lm*) @ 3000 K 2288 lm (2600 lm*) @ 4000 K	2256 lm (2600 lm*) @ 3000 K 2256 lm (2600 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K	90 lm/W @ 3000 K 90 lm/W @ 4000 K
McADAM steps	3	3
Beam	18° / 18°	33° / 33°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



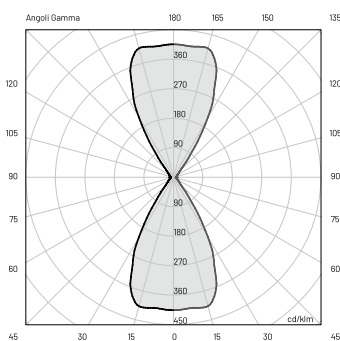
H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	2 x 8850	2 x 8850	0.3
2.00	2 x 2212	2 x 2212	0.6
3.00	2 x 983	2 x 983	0.9
4.00	2 x 553	2 x 553	1.2
5.00	2 x 354	2 x 354	1.6



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	2 x 2905	2 x 2905	0.6
2.00	2 x 726	2 x 726	1.1
3.00	2 x 323	2 x 323	1.8
4.00	2 x 182	2 x 182	2.4
5.00	2 x 116	2 x 116	3

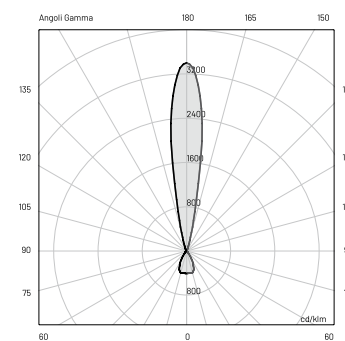
TECHNICAL SPECIFICATIONS

	DOUBLE WIDE FLOOD	DOUBLE SPOT/WIDE FLOOD
Source lamp	LED 20 W	LED 20 W
Total wattage	25 W	25 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	2288 lm (2600 lm*) @ 3000 K 2288 lm (2600 lm*) @ 4000 K	2288 lm (2600 lm*) @ 3000 K 2288 lm (2600 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K
McADAM steps	3	3
Beam	60° / 60°	18° / 60°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	2 x 1054	2 x 264	1.2
2.00	2 x 264	2 x 66	2.3
3.00	2 x 117	2 x 28	3.5
4.00	2 x 66	2 x 17	4.7
5.00	2 x 42	2 x 11	5.9



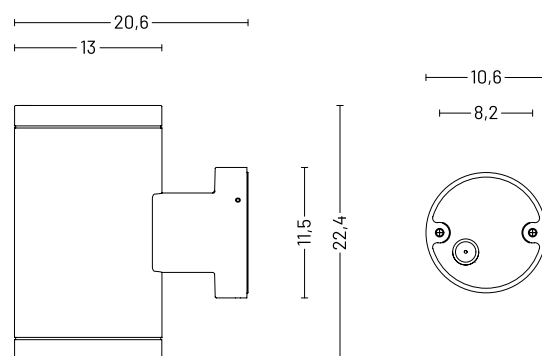
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	8850 / 1054	8850 / 264	0.3 / 1.2
2.00	2212 / 264	2212 / 66	0.6 / 2.3
3.00	983 / 117	983 / 28	0.9 / 3.5
4.00	553 / 66	553 / 17	1.2 / 4.7
5.00	354 / 42	354 / 11	1.6 / 5.9



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear tempered glass 13 mm
Finishing	Polyester powder paint



ORDER CODE

LY70 PAR _ _ B10 _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	
Beam	1	Double spot	
	2	Double medium	
	3	Double wide flood	
	6	Double spot/wide flood	

Example LY70 PAR1NB10L



Classicità
e tecno-
logia.



[Classicism and technology.]

morphis

design by Innocenzo Rifino & Lorenzo Ruggieri



morphis_1

Morphis_1 è la forma della tradizione, un apparecchio in grado di vivere in molteplici soluzioni e ambientazioni. L'applicazione Morphis_1 ha potenza 15 W e schermo in policarbonato trasparente o opale, con ottica diffondente. Le ottimizzazioni effettuate sugli accoppiamenti dei componenti definiscono in modo perfetto l'emissione luminosa. Il corpo è in alluminio pressofuso con sei possibilità di finitura esterna, per un design finale sofisticato, ideale per corridoi d'accesso e facciate esterne.

EN *Morphis_1 is the tradition, a luminaire able to live in many solutions and environments. The Morphis_1 wall lamp has 15 W power and a transparent or opal polycarbonate screen with diffusing optics. The optimizations made on the component couplings perfectly define the light emission. The body is in die-cast aluminum and available in six external finishing options, for a sophisticated final design, ideal for access corridors and external facades.*

CE EAC

MORPHIS_3 | PENDANT > 320
 MORPHIS_1 | BOLLARD > 386
 MORPHIS_1 | POLE > 444
 MORPHIS_2 | POLE > 450
 MORPHIS_3 | POLE > 454





DIFFUSE

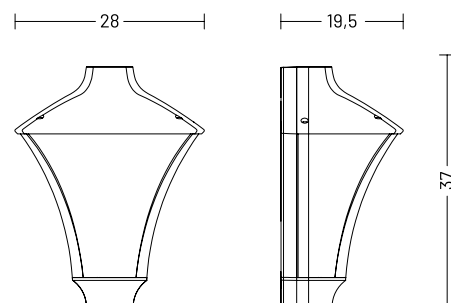


TECHNICAL SPECIFICATIONS

	DIFFUSE (EXTRA CLEAR)	DIFFUSE (OPAL)
Source lamp	LED 15 W	LED 15 W
Total wattage	18 W	18 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	750 lm (1700 lm*) @ 3000 K 800 lm (1800 lm*) @ 4000 K	600 lm (1700 lm*) @ 3000 K 630 lm (1800 lm*) @ 4000 K
Luminous efficacy	42 lm/W @ 3000 K 45 lm/W @ 4000 K	34 lm/W @ 3000 K 35 lm/W @ 4000 K
McADAM steps	3	3
Beam	Diffuse	Diffuse
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I

MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear or opal polycarbonate
Finishing	Polyester powder paint



ORDER CODE

MO3_PARD_B10_

MO3_PARD_B10_	Finishing	G	Black	●
		S	Black/copper	●
		P	Black/green	●
		R	Black/silver	●
		L	Graphite	●
		V	Oxide	●
MO3_PARD_B10_	Light colour	N	4000 K	
		H	3000 K	
MO3_PARD_B10_	Diffuser	0	Extra clear	
		3	Opal	
	Example	MO30PARDNB10L		







morphis_2

Un'applicazione classica, con tutta la tecnologia e l'innovazione Landa. Una luce diffondente ideale per tutte le applicazioni per un apparecchio con schermo in policarbonato trasparente. Le ottimizzazioni effettuate sugli accoppiamenti dei componenti definiscono in modo perfetto l'emissione luminosa.

Morphis_2 è installabile a parete con mensola per apparecchi portati e 29 W di potenza.

EN *A classic wall lamp, with all the Landa's technology and innovation. Diffusing light ideal for all applications for a luminaire with transparent polycarbonate screen. The optimizations made on the component couplings allow perfect definition of the light emission. Morphis_2 can be wall-mounted with shelf for suspended luminaires and 29 W power.*

CE EAC

MORPHIS_3 | PENDANT > 320

MORPHIS_1 | BOLLARD > 386

MORPHIS_1 | POLE > 444

MORPHIS_2 | POLE > 450

MORPHIS_3 | POLE > 454



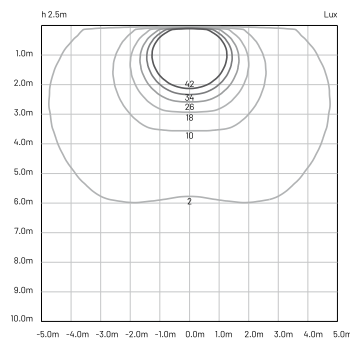
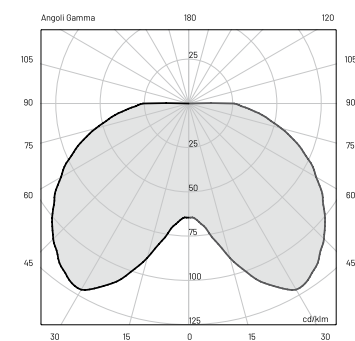


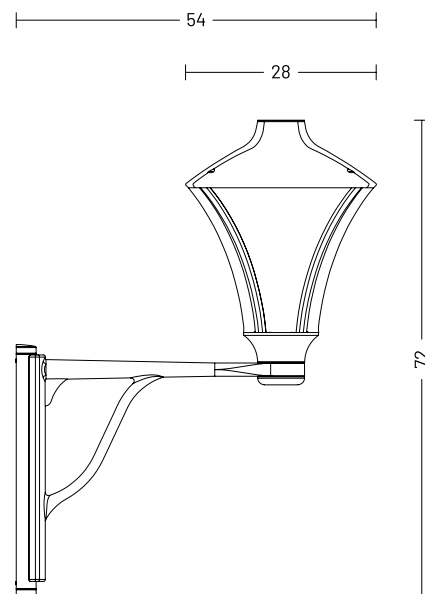
DIFFUSE



TECHNICAL SPECIFICATIONS

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I





MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

MO 4 0 PAA D _ B 10 _

Finishing	G	Black	●
	S	Black/copper	●
	P	Black/green	●
	R	Black/silver	●
	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Example	MO 4 0 PAA DNB10 L		



AVAILABLE ACCESSORIES

Code	Description	Page
00596	Corner bracket	483





morphis_3

Ulteriore possibilità di applicazione a parete tramite mensola per apparecchi sospesi per Morphis_3, con 29 W di potenza. Le sei soluzioni di finitura estetica donano all'installatore molteplici possibilità estetiche. La luce diffondente è precisa attraverso lo schermo extra chiaro in policarbonato trasparente. Una soluzione perfetta per portici e facciate esterne di abitazioni e luoghi comuni outdoor, grazie alle ottimizzazioni effettuate sugli accoppiamenti dei componenti, le quali non solo definiscono in modo perfetto l'emissione luminosa, ma aumentano la resistenza del prodotto in tutte le situazioni esterne.

EN *Morphis_3, with 29 W power, offers an additional possibility of application by means of a shelf for suspended luminaires. The six aesthetic finishing solutions offer the installer many aesthetic possibilities. Its diffused light is precise thanks to the extra-clear transparent polycarbonate screen. A perfect solution for porches and external facades of homes and outdoor common areas, thanks to the optimizations made on the component couplings, which not only perfectly define the light emission, but also increase the product resistance in all external situations.*

CE EAC

MORPHIS_3 | PENDANT > 320
 MORPHIS_1 | BOLLARD > 386
 MORPHIS_1 | POLE > 444
 MORPHIS_2 | POLE > 450
 MORPHIS_3 | POLE > 454





DIFFUSE

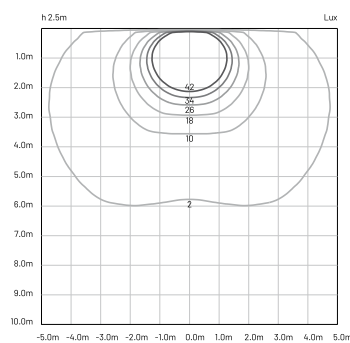
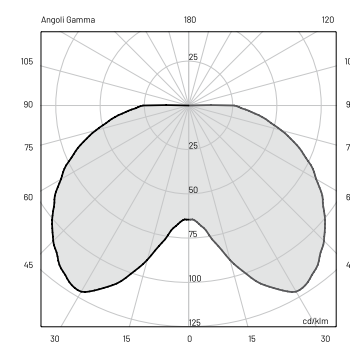


TECHNICAL SPECIFICATIONS

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I

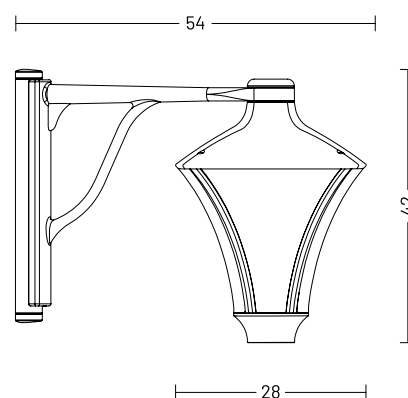
DIFFUSE

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint



ORDER CODE

MO 4 1 PAB D _ B 10 _

Finishing	G	Black	●
	S	Black/copper	●
	P	Black/green	●
	R	Black/silver	●
	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	

Example MO 4 1 PAB D N B 10 L



AVAILABLE ACCESSORIES

Code	Description	Page
00596	Corner bracket	483

morphis_4

Tradizione, tecnologia e design, per un apparecchio in grado di vivere in molteplici soluzioni e ambientazioni. Morphis_4 chiude il cerchio della gamma Morphis. Ottica diffuse con diffusore in policarbonato opale, potenza 29 W e sei soluzioni di finitura estetica. Il montaggio a parete dell'apparecchio avviene attraverso un braccio con angolo di 90°; il design del corpo in alluminio pressofuso è compatto e minimamente invasivo per una luce zenitale uniforme e penetrante. Tutte le ottimizzazioni effettuate sugli accoppiamenti dei componenti definiscono in modo perfetto l'emissione luminosa.

EN *Tradition, technology and design for a device that can live in multiple solutions and environments. Morphis_4 closes the circle of the Morphis range. Diffuse optics with opal polycarbonate diffuser, 29 W power and six aesthetic finish solutions. The luminaire is wall-mounted by means of a 90° arm; the design of the die-cast aluminum body is compact and non-invasive for uniform and penetrating zenithal light. All the optimizations made on the component couplings allow perfect definition of the light output.*

CE EAC

MORPHIS_4 | CEILING LAMP > 302

MORPHIS_4 | PENDANT > 326

MORPHIS_4 | POLE > 460



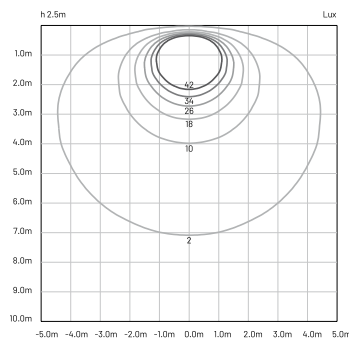
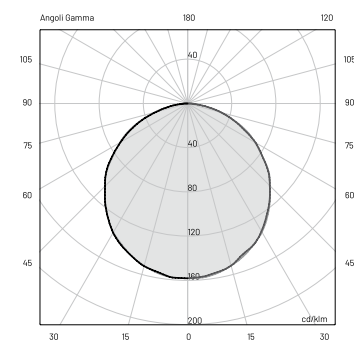


DIFFUSE



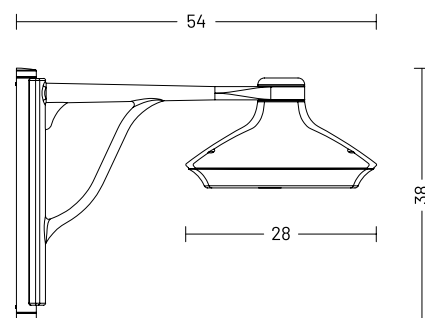
TECHNICAL SPECIFICATIONS

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1550 lm (3400 lm*) @ 3000 K 1650 lm (3600 lm*) @ 4000 K
Luminous efficacy	44 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint



ORDER CODE

MO 4 2 PAB D _ B 10 _

Finishing	G	Black	●
	S	Black/copper	●
	P	Black/green	●
	R	Black/silver	●
	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	

Example MO 4 2 PAB DNB10 L



AVAILABLE ACCESSORIES

Code	Description	Page
00596	Corner bracket	483





Lessico
e forma.

[Lexicon and shape.]

oko

design by Teseo Berghella



oko

La perfezione della luce in una forma ovale perfetta, un'emissione asimmetrica, diffondente. Oko, per installazione a parete, ha potenza 6 W e temperatura colore 3000 K o 4000 K. Definizione di spazi esterni e forme architettoniche, camminamenti e corridoi di accesso. Il corpo in alluminio pressofuso resiste all'ossidazione grazie a speciali trattamenti, mentre le finiture disponibili oxide e graphite sono le soluzioni estetiche per ogni esigenza progettuale. Resistenza e perfezione, anche in versione bollard.

EN *The perfection of light in a perfect oval shape, an asymmetrical diffusing emission.*

Oko, wall-mounted, has 6 W power and a color temperature of 3000 K or 4000 K. Definition of outdoor spaces and architectural forms, walkways and access corridors.

The die-cast aluminum body is resistant to oxidation thanks to special treatments, while the available oxide and graphite finishes are the aesthetic solutions for every design requirement.

Resistance and perfection, also in the bollard version.

CE EAC

OKO | BOLLARD > 402

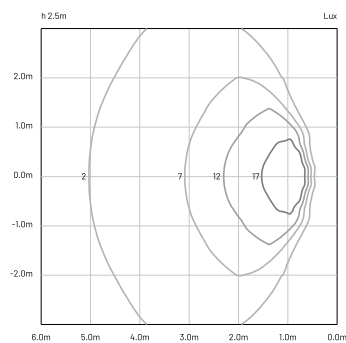
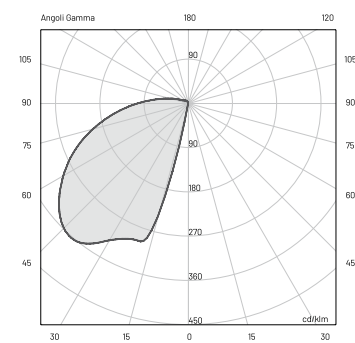






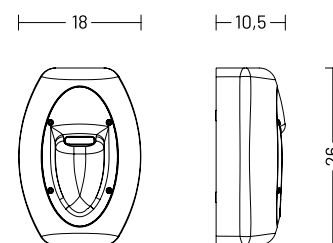
TECHNICAL SPECIFICATIONS

Source lamp	LED 6 W
Total wattage	9 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	263 lm (520 lm*) @ 3000 K 285 lm (550 lm*) @ 4000 K
Luminous efficacy	30 lm/W @ 3000 K 32 lm/W @ 4000 K
McADAM steps	3
Beam	Asymmetric
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

<i>Body</i>	<u>Die-cast aluminium EN47000</u>
<i>Diffuser</i>	<u>Extra clear polycarbonate</u>
<i>Finishing</i>	<u>Polyester powder paint</u>



ORDER CODE

OK10 PAR A _ B10 _

<i>Finishing</i>	L	<u>Graphite</u>	●
	V	<u>Oxide</u>	●
<i>Light colour</i>	N	<u>4000 K</u>	
	H	<u>3000 K</u>	

Example OK10 PAR A N B10 L







Funzionalità,
sintesi di luce
e forma.

[Functionality,
synthesis of light
and shape.]

polos

design by Landa R&D



polos

Polos 14 W è un apparecchio per installazione a parete, disponibile in varie altezze anche in versione bollard. Una luce diffusa grazie alla speciale ottica in policarbonato extra chiaro. Gli accoppiamenti meccanici, protetti con guarnizioni in EPDM 70SH, i dettagli tecnologici e il corpo in alluminio EN47100 fanno di Polos una soluzione ideale per gli esterni.

EN *Polos 14 W is a wall-mounted luminaire available in several heights also in the bollard version. Diffused light thanks to the special extra clear polycarbonate optics. The mechanical couplings, protected by 70SH EPDM gaskets, the technological details and the EN47100 aluminum body make Polos an ideal solution for exteriors.*

CE EAC

POLOS | BOLLARD > 412
POLOS | POLE > 468





polos_1

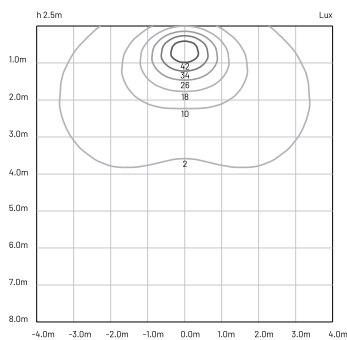
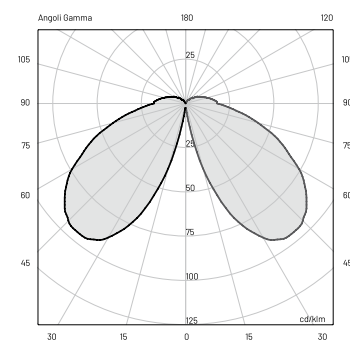
DIFFUSE

| 14W



TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 14 W
Total wattage	16 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	680 lm (1560 lm*) @ 3000 K 750 lm (1700 lm*) @ 4000 K
Luminous efficacy	42.5 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

<i>Body</i>	<u>Die-cast aluminium EN47100</u>
<i>Diffuser</i>	<u>Extra clear polycarbonate</u>
<i>Finishing</i>	<u>Polyester powder paint</u>

ORDER CODE

PO 2 0 P A R D _ B 1 0 _

Finishing

L Graphite ●

M Light grey ●

V Oxide ●

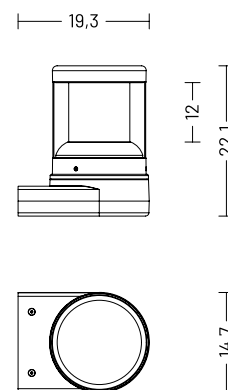
Light colour

N 4000 K

H 3000 K

Example

PO 2 0 P A R D N B 1 0 L



polos_2

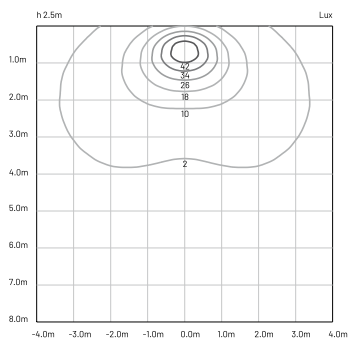
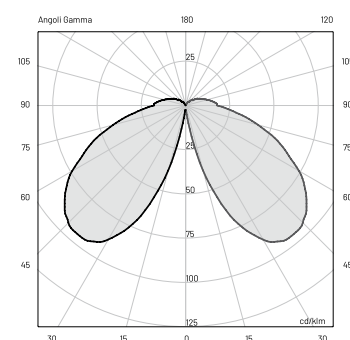
DIFFUSE

| 14W



TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 14 W
Total wattage	16 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	680 lm (1560 lm*) @ 3000 K 750 lm (1700 lm*) @ 4000 K
Luminous efficacy	42.5 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear polycarbonate
<i>Finishing</i>	Polyester powder paint

ORDER CODE

PO 3 0 PAR D _ B 1 0 _

Finishing

L Graphite ●

M Light grey ●

V Oxide ●

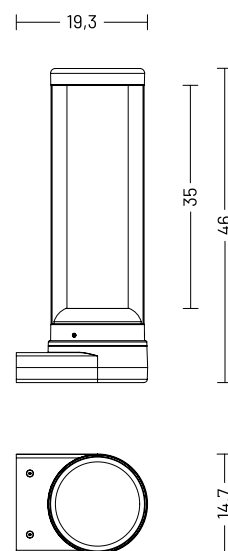
Light colour

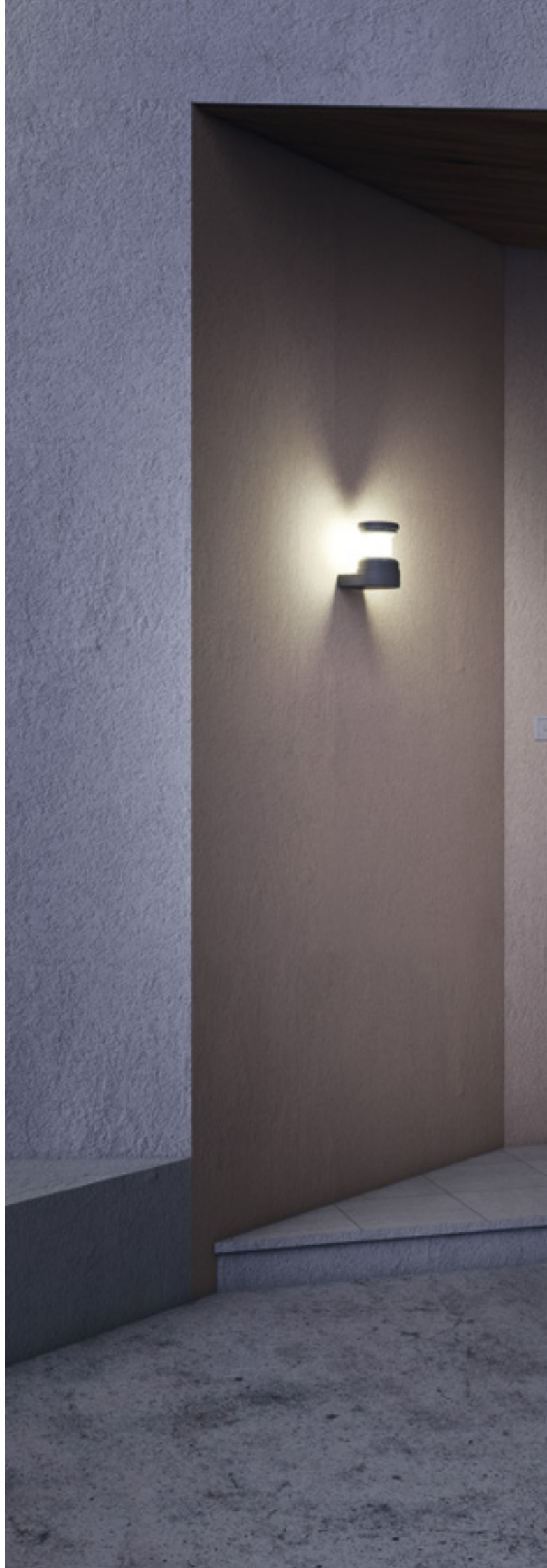
N 4000 K

H 3000 K

Example

PO 3 0 PAR D NB 1 0 L







L'illumina-
zione lineare
Landa.

[The Landa linear lighting.]

tubo

design by Landa R&D



tubo

Tubo è una linea di luce. Fascio luminoso a 180° utile per installazioni outdoor a parete - ma anche per soffitto e camminamento - con particolari esigenze illuminotecniche. Semplicità e purezza formale per un'illuminazione lineare d'eccellenza. Un apparecchio disponibile con potenza 10 W e 20 W e schermo in policarbonato trasparente extra chiaro e diffusore interno opale.

EN *Tubo is a light line. 180° light beam useful for outdoor wall installations, but also for ceiling installations and walkways with special lighting requirements. Simplicity and formal purity for linear lighting of excellence. A fixture available with 10 W and 20 W power and extra clear transparent polycarbonate screen and internal opal diffuser.*

CE EAC

TUBO | CEILING LAMP > 308
TUBO | BOLLARD > 432





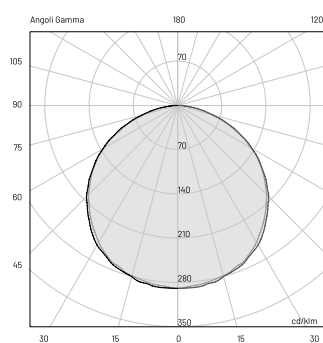
tubo | 10W/20W

180°

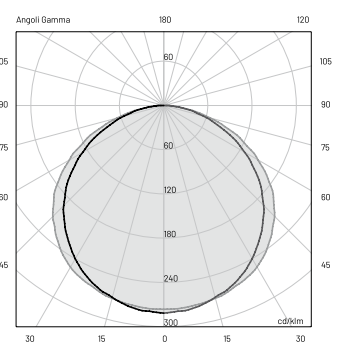


TECHNICAL SPECIFICATIONS

	180° • CLEAR • 10 W	180° • CLEAR • 20 W
Source lamp	LED 10 W	LED 20 W
Total wattage	10 W	20 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included	Power supply not included
Light colour	3000 K • 4000 K	3000 K • 4000 K
Luminous flux *Source flux	906 lm (1050 lm*) @ 3000 K 1040 lm (1200 lm*) @ 4000 K	1812 lm (2100 lm*) @ 3000 K 2080 lm (2400 lm*) @ 4000 K
Luminous efficacy	90 lm/W @ 3000 K 100 lm/W @ 4000 K	90 lm/W @ 3000 K 100 lm/W @ 4000 K
McADAM steps	3	3
Beam	180°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 07	IK 07
Insulation class	III	III




E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	304	384	1.6
2.00	77	87	3.2
3.00	34	39	4.8
4.00	29	22	6.4
5.00	12	14	8.0



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	588	677	1.9
2.00	147	169	3.8
3.00	65	75	5.7
4.00	37	42	7.6
5.00	24	27	9.5

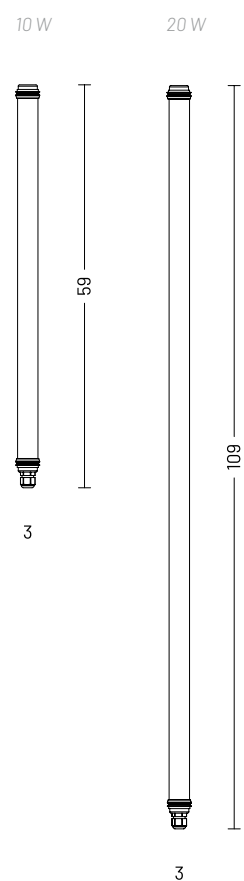
MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Anodized inox 

ORDER CODE

TU_0 000 T _ A 7 Z 1

Light colour	N	4000 K
	H	3000 K
Wattage	3	10 W (59 cm)
	6	20 W (109 cm)
Example	TU 3 0 000 T N A 7 Z 1	



AVAILABLE ACCESSORIES

Code	Description	Page
0404M011	Single connection IP68	485
0409BT014	Transformer _ 24 Vdc - 12 W	485
0409BT015	Transformer _ 24 Vdc - 25 W	485
00A6001.01	Set stainless steel fixing kit - short	486
00A6001.02	Set stainless steel fixing kit - long	486
00A6001.03	Set stainless steel fixing kit - double	486
00A6001.04	Set stainless steel fixing kit - spike	486
00A6001.05	Set plastic fixing kit	486



tubo

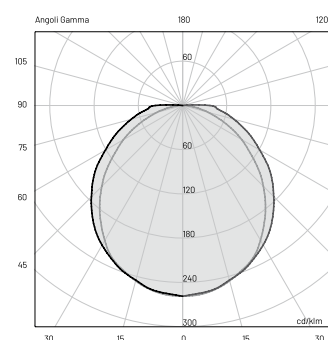
180°

| 10W/20W

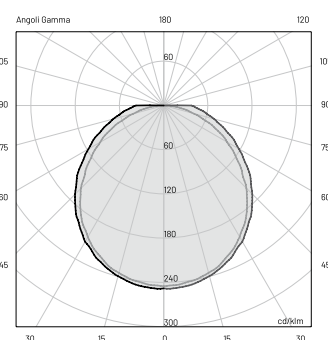


TECHNICAL SPECIFICATIONS

	180° • OPAL • 10 W	180° • OPAL • 20 W
Source lamp	LED 10 W	LED 20 W
Total wattage	10 W	20 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included	Power supply not included
Light colour	3000 K • 4000 K	3000 K • 4000 K
Luminous flux *Source flux	802 lm (1050 lm*) @ 3000 K 910 lm (1200 lm*) @ 4000 K	1604 lm (2100 lm*) @ 3000 K 1820 lm (2400 lm*) @ 4000 K
Luminous efficacy	80 lm/W @ 3000 K 91 lm/W @ 4000 K	80 lm/W @ 3000 K 91 lm/W @ 4000 K
McADAM steps	3	3
Beam	180°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 07	IK 07
Insulation class	III	III




H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	272	308	1.2
2.00	68	77	2.5
3.00	30	34	3.7
4.00	17	19	5
5.00	11	12	6.2



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	521	595	1.3
2.00	130	148	2.7
3.00	58	66	4.1
4.00	33	37	5.5
5.00	21	24	6.9

MATERIALS

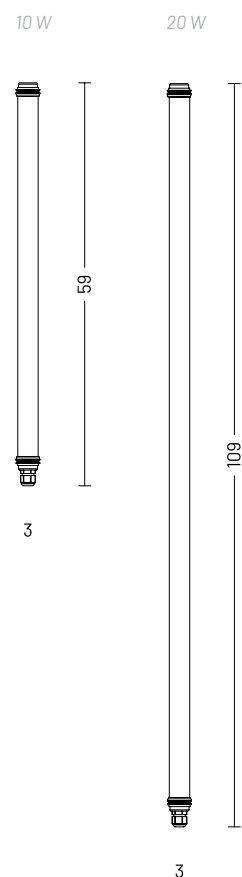
Body	Extruded aluminium EN AW6060
Diffuser	External extra clear polycarbonate Internal opal polycarbonate
Finishing	Anodized inox 

ORDER CODE

TU_1000 T_A 7 Z 1

Light colour	N	4000 K
	H	3000 K
Wattage	3	10 W (59 cm)
	6	20 W (109 cm)

Example TU 3 1000 T N A 7 Z 1



AVAILABLE ACCESSORIES

Code	Description	Page
0404M011	Single connection IP68	485
0409BT014	Transformer _ 24 Vdc - 12 W	485
0409BT015	Transformer _ 24 Vdc - 25 W	485
00A6001.01	Set stainless steel fixing kit - short	486
00A6001.02	Set stainless steel fixing kit - long	486
00A6001.03	Set stainless steel fixing kit - double	486
00A6001.04	Set stainless steel fixing kit - spike	486
00A6001.05	Set plastic fixing kit	486







CEILING LAMPS

Impertur-
babilità
luminosa.

[Imperturbable light.]

kami

design by Landa R&D



kami

Un prodotto estremamente affidabile, longevo, versatile: una luce diffusa, quasi naturale, emanata dallo schermo opale in policarbonato fornito con o senza griglia. Tecnologia e tradizione, Kami illumina gli ambienti in modo perfetto ed è installabile a soffitto o a parete.

Una geometria precisa, in cui luce e forma si completano, creando un fascio luminoso imperturbabile e mai invasivo. Disponibile con potenza luminosa da 10 W, il corpo in alluminio pressofuso di Kami è personalizzabile con varie finiture, dal bianco al nero, per soluzioni estetiche infinite.

EN *An extremely reliable, long-lasting, versatile product: a diffused almost natural light emitted by the polycarbonate opal screen supplied with or without grid. Technology and tradition, Kami illuminates rooms perfectly and can be either ceiling- or wall-mounted.*

A precise geometry where light and shape complement each other, creating an imperturbable and never invasive light beam. Available with 10 W power, the die-cast aluminum body of Kami can be customized with various finishes, from white to black, for infinite aesthetic solutions.

CE EAC

KAMI | WALL LAMP > 164



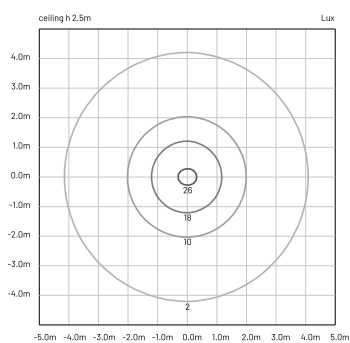
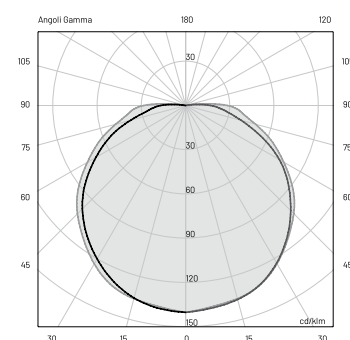


DIFFUSE



TECHNICAL SPECIFICATIONS

Source lamp	LED 10 W
Total wattage	13 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	570 lm (1200 lm*) @ 3000 K 610 lm (1300 lm*) @ 4000 K
Luminous efficacy	44 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint

ORDER CODE

KA10POSD_B10_

Finishing

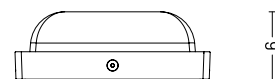
L	Graphite	●
M	Light grey	●
V	Oxide	●
G	Black	●
U	White	○

Light colour

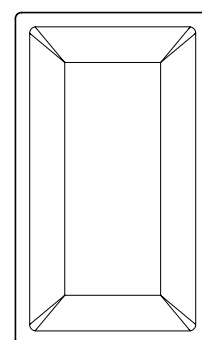
N	4000 K
H	3000 K

Example

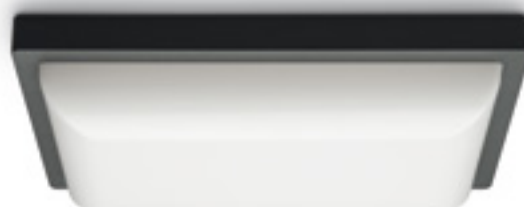
KA10POSDHB10L



17,1



29,2



kami_2

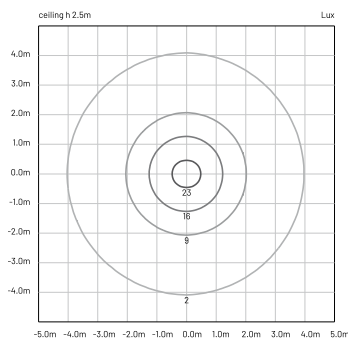
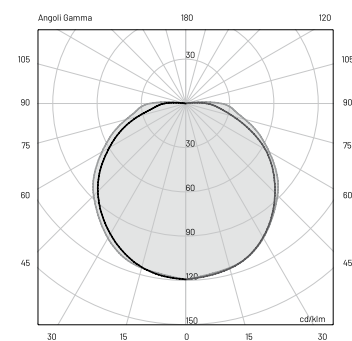
DIFFUSE

| 10W



TECHNICAL SPECIFICATIONS

Source lamp	LED 10 W
Total wattage	13 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	570 lm (1200 lm*) @ 3000 K 610 lm (1300 lm*) @ 4000 K
Luminous efficacy	44 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



MATERIALS

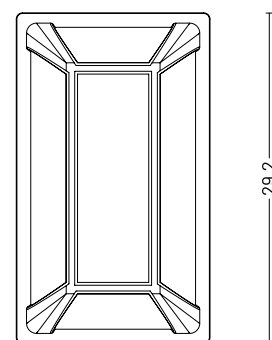
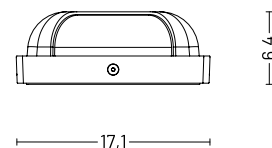
Body	Die-cast aluminium EN47100
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint

ORDER CODE

KA 2 0 POS D _ B 1 0 _

Finishing	L	Graphite	●
	M	Light grey	●
	V	Oxide	●
	G	Black	●
	U	White	○
Light colour	N	4000 K	
	H	3000 K	

Example KA 2 0 POS D H B 1 0 L



Anima
luminosa.

[Bright soul.]

lyras

design by Landa R&D



lyras 65

Lyras 65, apparecchio da soffitto per esterni è potente e completo di tutto il necessario. L'apparecchio è disponibile con fascio di luce spot, flood e diffuse, con potenza 6 W e alimentazione 220 - 240 Vac o 24 Vdc. Il diffusore in vetro temperato trasparente di 8 mm, definisce e potenzia la luce per infiniti effetti luminosi e ampie soluzioni estetiche. Il trattamento superficiale di Lyras 65 è molto resistente alla corrosione; le finiture graphite e light grey conferiscono massima integrabilità in tutti gli ambienti outdoor.

EN *Lyras 65 is an outdoor ceiling luminaire, powerful and complete with everything you need. The luminaire is available with spot, flood and diffuse light beam, with 6 W power and 220 - 240 Vac or 24 Vdc power supply.*

The 8 mm transparent tempered glass diffuser defines and enhances the light for infinite lighting effects and varied aesthetic solutions.

The surface treatment of Lyras 65 is highly resistant to corrosion; the graphite and light grey finishes offer maximum integration in all outdoor environments.



LYRAS 65 | PROJECTOR > 344





lyras 65

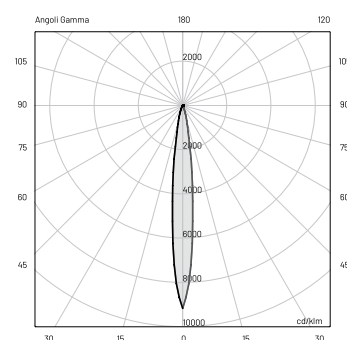
| 5W

SPOT • FLOOD • DIFFUSE

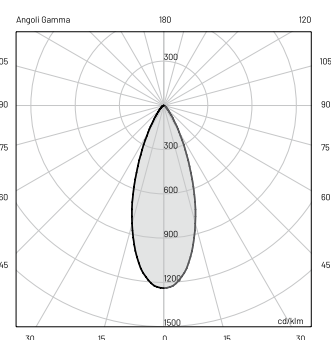


TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 5 W	LED 5 W
Total wattage	6 W	6 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	360 lm (480 lm*) @ 3000 K 360 lm (480 lm*) @ 4000 K	310 lm (480 lm*) @ 3000 K 310 lm (480 lm*) @ 4000 K
Luminous efficacy	60 lm/W @ 3000 K 60 lm/W @ 4000 K	52 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	II	II



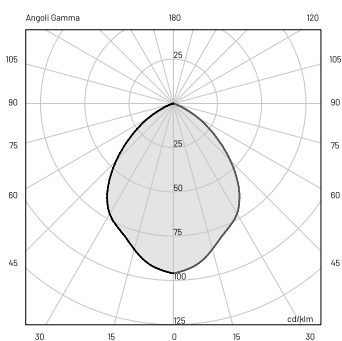
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	4402	4402	0.2
2.00	1101	1101	0.4
3.00	489	489	0.6
4.00	275	275	0.8
5.00	176	176	1



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	594	594	0.7
2.00	149	149	1.4
3.00	66	66	2.1
4.00	37	37	2.8
5.00	24	24	3.5

TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 5 W
Total wattage	6 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	88 lm (480 lm*) @ 3000 K 88 lm (480 lm*) @ 4000 K
Luminous efficacy	14.7 lm/W @ 3000 K 14.7 lm/W @ 4000 K
McADAM steps	3
Beam	90°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	II



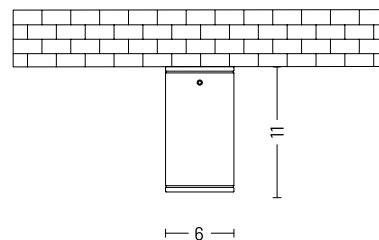
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	48	48	1.9
2.00	12	12	3.9
3.00	5	5	5.8
4.00	3	3	7.8
5.00	2	2	9.7



MATERIALS

<i>Body</i>	<u>Extruded aluminium EN AW6060</u>
<i>Diffuser</i>	<u>Extra clear tempered glass 8 mm</u>
<i>Finishing</i>	<u>Polyester powder paint</u>



ORDER CODE

LY 30 SOF _ _ B 10 _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	D	Diffuse	

Example LY 30 SOF S H B 10 L



lyras 65

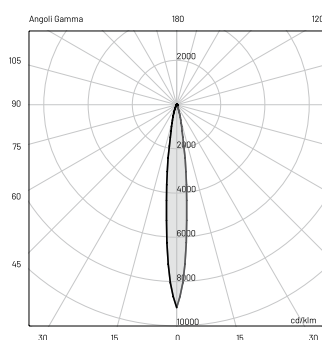
| 5W

SPOT • FLOOD • DIFFUSE



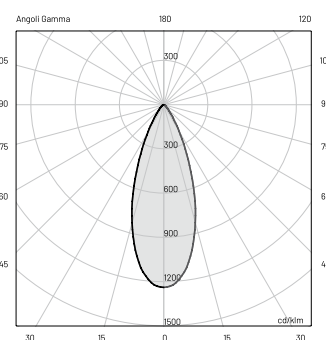
TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24Vdc	24Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	360 lm (480 lm*) @ 3000 K 360 lm (480 lm*) @ 4000 K	310 lm (480 lm*) @ 3000 K 310 lm (480 lm*) @ 4000 K
Luminous efficacy	72 lm/W @ 3000 K 72 lm/W @ 4000 K	62 lm/W @ 3000 K 62 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	III	III



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	4402	4402	0.2
2.00	1101	1101	0.4
3.00	489	489	0.6
4.00	275	275	0.8
5.00	176	176	1

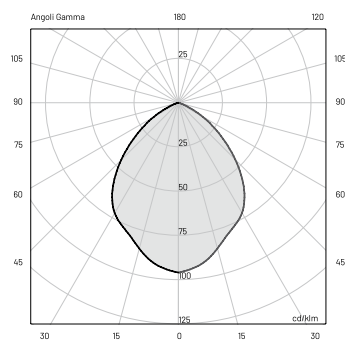


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	594	594	0.7
2.00	149	149	1.4
3.00	66	66	2.1
4.00	37	37	2.8
5.00	24	24	3.5

TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	24Vdc
Control	Power supply not included • dimnable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	88 lm (480 lm*) @ 3000 K 88 lm (480 lm*) @ 4000 K
Luminous efficacy	17.6 lm/W @ 3000 K 17.6 lm/W @ 4000 K
McADAM steps	3
Beam	90°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	III



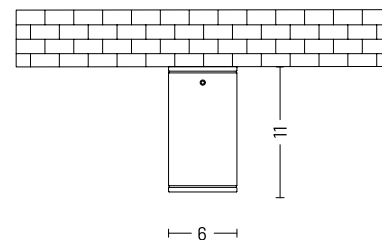
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	48	48	1.9
2.00	12	12	3.9
3.00	5	5	5.8
4.00	3	3	7.8
5.00	2	2	9.7



MATERIALS

<i>Body</i>	<u>Extruded aluminium EN AW6060</u>
<i>Diffuser</i>	<u>Extra clear tempered glass 8 mm</u>
<i>Finishing</i>	<u>Polyester powder paint</u>



ORDER CODE

LY 3 0 S0F _ _ B 7 Z _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	D	Diffuse	

Example LY 3 0 S0F S N B 7 Z L

AVAILABLE ACCESSORIES

<i>Code</i>	<i>Description</i>	<i>Page</i>
<u>0409BT014</u>	<u>Transformer _ 24 Vdc - 12 W</u>	<u>478</u>
<u>0409BT015</u>	<u>Transformer _ 24 Vdc - 25 W</u>	<u>478</u>
<u>0409BT016</u>	<u>Transformer _ 24 Vdc - 100 W</u>	<u>478</u>



lyras 80

Una luce mai invasiva, corretta ed efficiente. Lyras 80 è un apparecchio installabile a soffitto con potenza 4.5 W e diffusore in vetro extra chiaro temperato da 8 mm. Il fascio di luce zenitale è disponibile con ottiche spot, medium e wide flood e permette la creazione di effetti luminosi estremamente versatili e variegati. Le finiture graphite e light grey fanno di Lyras un prodotto elegante, discreto e installabile secondo infinite soluzioni, anche a parete. La resistenza del corpo in alluminio pressofuso lo rende particolarmente indicato agli ambienti esterni, dove agenti chimici e atmosferici costituiscono una costante minaccia in ottica di durata nel tempo.

EN *A never invasive, correct and efficient light. Lyras 80 is a ceiling-mounted luminaire with 4.5 W power and 8 mm extra clear tempered glass diffuser. The zenithal light beam is available with spot, medium and wide flood optics and allows the creation of extremely versatile and varied lighting effects. The graphite and light grey finishes make Lyras an elegant, discreet item suitable for infinite solutions, including wall installation. The resistance of the die-cast aluminum body makes it particularly suitable for outdoor environments, where chemical and atmospheric agents are a constant threat in terms of durability.*

CE EAC

LYRAS 80 | WALL LAMP > 194





lyras 80

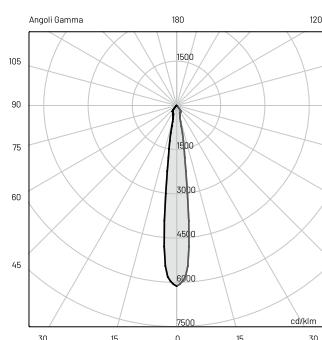
| 4.5W

SPOT • MEDIUM • WIDE FLOOD

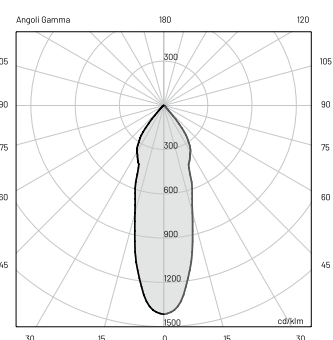


TECHNICAL SPECIFICATIONS

	SPOT	MEDIUM
Source lamp	LED 4.5 W	LED 4.5 W
Total wattage	6.4 W	6.4 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	400 lm (500 lm*) @ 3000 K 400 lm (500 lm*) @ 4000 K	384 lm (500 lm*) @ 3000 K 384 lm (500 lm*) @ 4000 K
Luminous efficacy	62.5 lm/W @ 3000 K 62.5 lm/W @ 4000 K	61 lm/W @ 3000 K 61 lm/W @ 4000 K
McADAM steps	3	3
Beam	14°	32°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



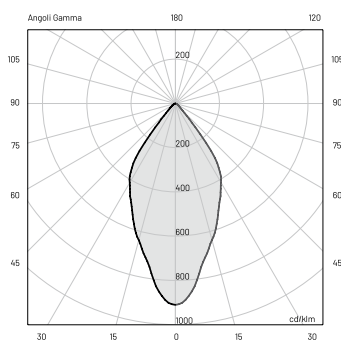
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	3080	3080	0.2
2.00	770	770	0.5
3.00	342	342	0.7
4.00	193	193	1
5.00	123	123	1.2



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	712	712	0.6
2.00	178	178	1.1
3.00	79	79	1.7
4.00	44	44	2.3
5.00	28	28	2.9

TECHNICAL SPECIFICATIONS

	WIDE FLOOD
Source lamp	LED 4,5 W
Total wattage	6.4 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	384 lm (500 lm*) @ 3000 K 384 lm (500 lm*) @ 4000 K
Luminous efficacy	61 lm/W @ 3000 K 61 lm/W @ 4000 K
McADAM steps	3
Beam	54°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	I



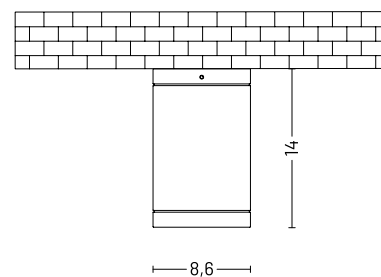
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	458	458	1
2.00	114	114	2
3.00	51	51	3
4.00	29	29	4
5.00	18	18	5



MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear tempered glass 8 mm
<i>Finishing</i>	Polyester powder paint



ORDER CODE

LY 5.0 SOF _ _ B 10 _

<i>Finishing</i>	L	Graphite	●
	M	Light grey	●
<i>Light colour</i>	N	4000 K	
	H	3000 K	
<i>Beam</i>	S	Spot	
	M	Medium	
	W	Wide flood	

Example LY 5.0 SOF S N B 10 L



lyras 130

Lyras 130 è un cilindro monoemissione installabile a soffitto e disponibile anche a parete. 10 W di potenza, vetro extra chiaro temperato da 10 mm e ottiche spot, medium e wide flood.

Le finiture disponibili sono graphite e light grey per installazioni potenti, discrete e precise.

I fasci di luce comunicano con gli spazi, illuminandoli senza alcuna esitazione. Lyras 130 è particolarmente indicato e resistente anche in condizioni outdoor estreme, grazie alla componentistica in acciaio inox A4 e le guarnizioni di protezione in EPDM 70SH; il corpo in alluminio pressofuso EN-47100 e alluminio estruso EN AW6060 è resistente all'ossidazione.

EN *Lyras 130 is a single-emission cylinder that can be either ceiling- or wall-mounted. 10 W power, 10 mm extra clear tempered glass and spot, medium and wide flood optics.*

The two available finishes, graphite and light grey, allow powerful, discreet and precise installations.

The light beams communicate with the spaces, illuminating them without hesitation. Lyras 130 is particularly suitable and resistant even under extreme weather conditions, thanks to its A4 stainless steel components and 70SH EPDM protection gaskets; the EN-47100 die-cast aluminum and extruded EN AW6060 aluminum body is resistant to oxidation.



LYRAS 130 | WALL LAMP > 204





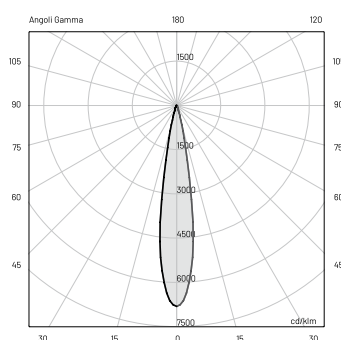
lyras 130 | 10W

SPOT • MEDIUM • WIDE FLOOD



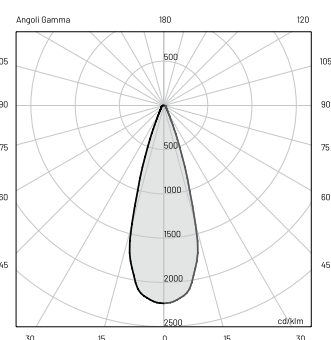
TECHNICAL SPECIFICATIONS

	SPOT	MEDIUM
Source lamp	LED 10 W	LED 10 W
Total wattage	12.5 W	12.5 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1144 lm (1300 lm*) @ 3000 K 1144 lm (1300 lm*) @ 4000 K	1128 lm (1300 lm*) @ 3000 K 1128 lm (1300 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K	90 lm/W @ 3000 K 90 lm/W @ 4000 K
McADAM steps	3	3
Beam	19°	33°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 66	IP 66
IK rating	IK 08	IK 08
Insulation class	I	I



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	∅ (m)
1.00	8850	8850	0.3
2.00	2212	2212	0.6
3.00	983	983	0.9
4.00	553	553	1.2
5.00	354	354	1.6

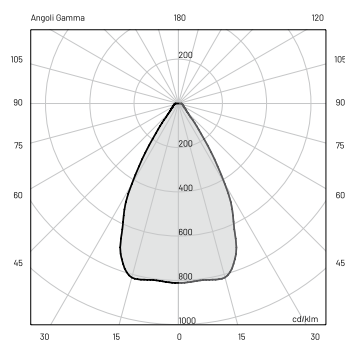


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	∅ (m)
1.00	2905	2905	0.6
2.00	726	726	1.1
3.00	323	323	1.8
4.00	182	182	2.4
5.00	116	116	3

TECHNICAL SPECIFICATIONS

	WIDE FLOOD
Source lamp	LED 10 W
Total wattage	12.5 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1144 lm (1300 lm*) @ 3000 K 1144 lm (1300 lm*) @ 4000 K
Luminous efficacy	91.5 lm/W @ 3000 K 91.5 lm/W @ 4000 K
McADAM steps	3
Beam	60°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 66
IK rating	IK 08
Insulation class	I



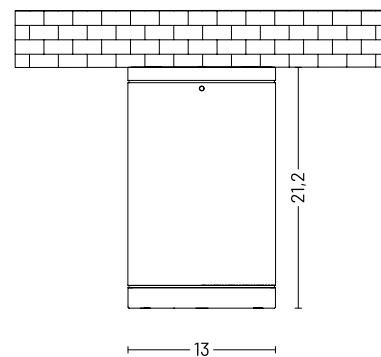
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1054	1054	1.2
2.00	264	264	2.3
3.00	117	117	3.5
4.00	66	66	4.7
5.00	42	42	5.9



MATERIALS

<i>Body</i>	<u>Die-cast aluminium EN47100</u>
<i>Diffuser</i>	<u>Extra clear tempered glass 10 mm</u>
<i>Finishing</i>	<u>Polyester powder paint</u>



ORDER CODE

LY70SOF__B10_

<i>Finishing</i>	L	<u>Graphite</u>	●
	M	<u>Light grey</u>	●
<i>Light colour</i>	N	<u>4000 K</u>	
	H	<u>3000 K</u>	
<i>Beam</i>	S	<u>Spot</u>	
	M	<u>Medium</u>	
	W	<u>Wide flood</u>	

Example LY70SOF S N B10 L



Classicità
e tecno-
logia.

[Classicism and technology.]

morphis

design by Innocenzo Rifino & Lorenzo Ruggieri



morphis_4

Morphis_4 è installabile a soffitto e ha 29 W di potenza. Una plafoniera classica, con tutta la tecnologia e l'innovazione Landa. Una luce diffondente ideale per tutte le applicazioni per un apparecchio con diffusore opale in polycarbonato. Le ottimizzazioni effettuate sugli accoppiamenti dei componenti definiscono in modo perfetto l'emissione luminosa.

EN *Morphis_4 can be installed on ceilings and has 29 W power. A classic ceiling light integrated with Landa's technology and innovation. A diffusing light ideal for all applications, for a luminaire with opal polycarbonate diffuser. The optimizations made to the component couplings perfectly define the light output.*

CE EAC

MORPHIS_4 | WALL LAMP > 232

MORPHIS_4 | PENDANT > 326

MORPHIS_4 | POLE > 460



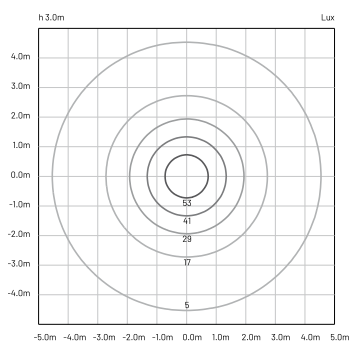
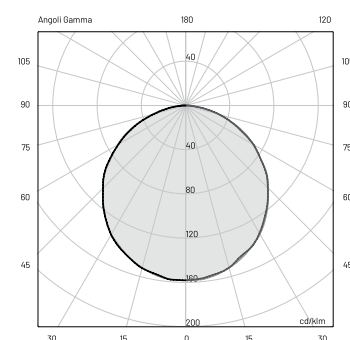


DIFFUSE



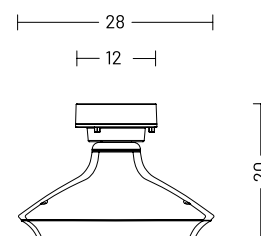
TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux	1550 lm (3400 lm*) @ 3000 K
Source flux	1650 lm (3600 lm) @ 4000 K
Luminous efficacy	44 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I









MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Opal polycarbonate
<i>Finishing</i>	Polyester powder paint



ORDER CODE

M0 4 2 SOF D _ B 10 _

<i>Finishing</i>	G	Black	
	S	Black/copper	
	P	Black/green	
	R	Black/silver	
	L	Graphite	
	V	Oxide	
<i>Light colour</i>	N	4000 K	
	H	3000 K	

Example M0 4 2 SOF D N B 10 L



L'illumina-
zione lineare
Landa.

[The Landa linear lighting.]

tubo

design by Landa R&D



tubo

Una linea di luce installabile a soffitto ma perfetta anche a parete e camminamento. Tubo è sinonimo di fascio luminoso con angolo di 180° integrabile in soluzioni architettoniche outdoor con particolari esigenze illuminotecniche. Disponibile con potenza 10 W e 20 W e schermo in policarbonato trasparente extra chiaro e diffusore interno opale.

Semplicità, purezza formale, tecnologia, per un'illuminazione lineare d'eccellenza, firmata Landa.

EN *A light line that can be installed on ceilings but is also perfect for walls and walkways. Tubo is synonymous with a 180°-angle light beam that can be integrated into outdoor architectural solutions with special lighting requirements. Available with 10 W and 20 W power and extra clear transparent polycarbonate screen and internal opal diffuser. Simplicity, formal purity, technology, for a linear lighting of excellence by Landa.*

CE EAC

TUBO | WALL LAMP > 258
TUBO | BOLLARD > 432





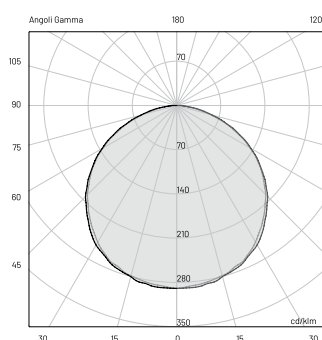
tubo | 10W/20W

180°

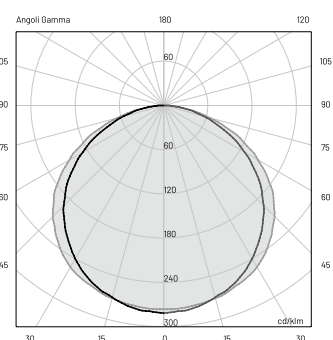


TECHNICAL SPECIFICATIONS

	180° • CLEAR • 10 W	180° • CLEAR • 20 W
Source lamp	LED 10 W	LED 20 W
Total wattage	10 W	20 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included	Power supply not included
Light colour	3000 K • 4000 K	3000 K • 4000 K
Luminous flux *Source flux	906 lm (1050 lm*) @ 3000 K 1040 lm (1200 lm*) @ 4000 K	1812 lm (2100 lm*) @ 3000 K 2080 lm (2400 lm*) @ 4000 K
Luminous efficacy	90 lm/W @ 3000 K 100 lm/W @ 4000 K	90 lm/W @ 3000 K 100 lm/W @ 4000 K
McADAM steps	3	3
Beam	180°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 07	IK 07
Insulation class	III	III




E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	304	384	1.6
2.00	77	87	3.2
3.00	34	39	4.8
4.00	29	22	6.4
5.00	12	14	8.0



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	588	677	1.9
2.00	147	169	3.8
3.00	65	75	5.7
4.00	37	42	7.6
5.00	24	27	9.5

MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Anodized inox 

ORDER CODE

TU_0 000 T _ A 7 Z 1

Light colour	N	4000 K
	H	3000 K
Wattage	3	10 W (59 cm)
	6	20 W (109 cm)
Example	TU 3 0 000 T N A 7 Z 1	

10 W

20 W



AVAILABLE ACCESSORIES

Code	Description	Page
0404M011	Single connection IP68	485
0409BT014	Transformer _ 24 Vdc - 12 W	485
0409BT015	Transformer _ 24 Vdc - 25 W	485
00A6001.01	Set stainless steel fixing kit - short	486
00A6001.02	Set stainless steel fixing kit - long	486
00A6001.03	Set stainless steel fixing kit - double	486
00A6001.04	Set stainless steel fixing kit - spike	486
00A6001.05	Set plastic fixing kit	486



tubo

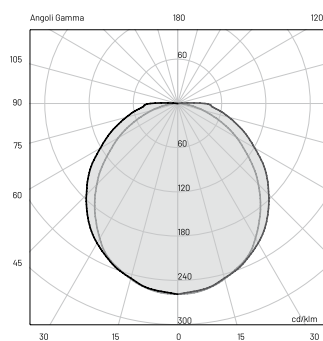
180°

| 10W/20W

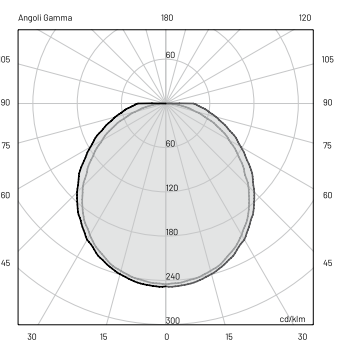


TECHNICAL SPECIFICATIONS

	180° • OPAL • 10 W	180° • OPAL • 20 W
Source lamp	LED 10 W	LED 20 W
Total wattage	10 W	20 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included	Power supply not included
Light colour	3000 K • 4000 K	3000 K • 4000 K
Luminous flux *Source flux	802 lm (1050 lm*) @ 3000 K 910 lm (1200 lm*) @ 4000 K	1604 lm (2100 lm*) @ 3000 K 1820 lm (2400 lm*) @ 4000 K
Luminous efficacy	80 lm/W @ 3000 K 91 lm/W @ 4000 K	80 lm/W @ 3000 K 91 lm/W @ 4000 K
McADAM steps	3	3
Beam	180°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 07	IK 07
Insulation class	III	III




H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	272	308	1.2
2.00	68	77	2.5
3.00	30	34	3.7
4.00	17	19	5
5.00	11	12	6.2



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	521	595	1.3
2.00	130	148	2.7
3.00	58	66	4.1
4.00	33	37	5.5
5.00	21	24	6.9

MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	External extra clear polycarbonate Internal opal polycarbonate
Finishing	Anodized inox 

ORDER CODE

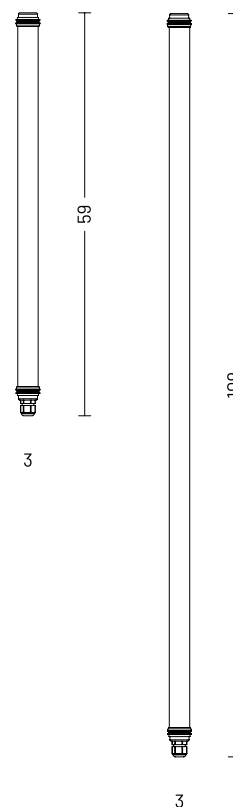
TU_1000 T_A 7 Z 1

Light colour	N	4000 K
	H	3000 K
Wattage	3	10 W (59 cm)
	6	20 W (109 cm)

Example TU 3 1000 T N A 7 Z 1

10 W

20 W



AVAILABLE ACCESSORIES

Code	Description	Page
0404M011	Single connection IP68	485
0409BT014	Transformer _ 24 Vdc - 12 W	485
0409BT015	Transformer _ 24 Vdc - 25 W	485
00A6001.01	Set stainless steel fixing kit - short	486
00A6001.02	Set stainless steel fixing kit - long	486
00A6001.03	Set stainless steel fixing kit - double	486
00A6001.04	Set stainless steel fixing kit - spike	486
00A6001.05	Set plastic fixing kit	486







PENDANTS

Classicità
e tecno-
logia.

[Classicism and technology.]

morphis

design by Innocenzo Rifino & Lorenzo Ruggieri



morphis_3

Ispirato al design della tradizione con tutta la tecnologia e l'innovazione Landa.

Morphis_3 è una sospensione con 29 W di potenza, dotato di schermo in polycarbonato trasparente.

Un apparecchio con corpo in alluminio e sei possibilità di finitura esterna adatto a tutte le situazioni outdoor che necessitano di soluzioni a sospensione. Armonia e organizzazione, per una luce diffondente che arreda e scalda ambienti come porticati e corridoi di accesso coperti. Gli ottimi accoppiamenti dei componenti definiscono in modo perfetto l'emissione luminosa e lo rendono resistente alle intemperie.

EN *Inspired by traditional design integrated with all Landa's technology and innovation.*

Morphis_3 is a suspension lamp with 29 W power and transparent polycarbonate screen. A luminaire with aluminum body and six external finishing options suitable for all outdoor situations requiring suspension solutions. Harmony and organization for a diffused light that furnishes and warms environments such as porches and covered access corridors. The excellent component couplings define perfectly the light output and make it weatherproof.

CE EAC

MORPHIS_1 | WALL LAMP > 216
 MORPHIS_2 | WALL LAMP > 222
 MORPHIS_3 | WALL LAMP > 228
 MORPHIS_1 | BOLLARD > 386
 MORPHIS_1 | POLE > 444
 MORPHIS_2 | POLE > 450
 MORPHIS_3 | POLE > 454



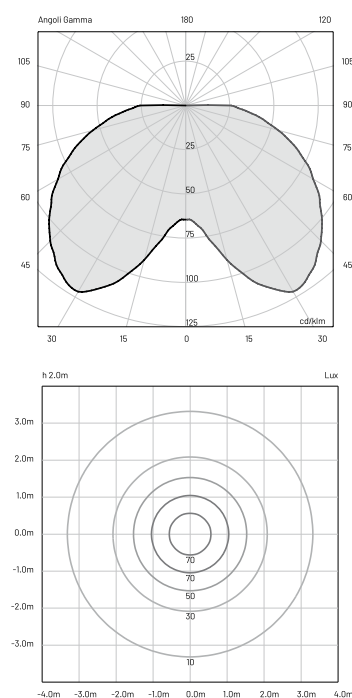


DIFFUSE



TECHNICAL SPECIFICATIONS

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I









MATERIALS

<i>Body</i>	Die-cast aluminium EN47100
<i>Diffuser</i>	Extra clear polycarbonate
<i>Finishing</i>	Polyester powder paint

ORDER CODE

M041SOSD_B10_

Finishing

G	Black	
S	Black/copper	
P	Black/green	
R	Black/silver	
L	Graphite	
V	Oxide	

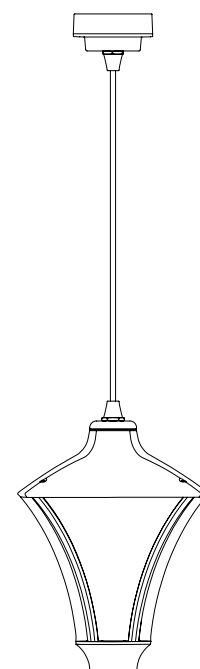
Light colour

N	4000 K
H	3000 K

Example

M041SOSDNB10L

28
12



240 max







morphis_4

Morphis_4 ha 29 W di potenza ed è installabile a sospensione. Un apparecchio dal design classico, ma tecnologico e innovativo nelle performance. Adatto a tutte le situazioni outdoor che necessitano di soluzioni a sospensione, è disponibile in sei varianti di finitura esterna. L'ottica diffuse è completata dal diffusore opale in policarbonato, che scalda e completa gli ambienti outdoor per un perfetto risultato finale. Le ottimizzazioni effettuate sugli accoppiamenti dei componenti definiscono in modo perfetto l'emissione luminosa, senza alcuna esitazione.

EN *Morphis_4 has 29 W power and can be suspended. A luminaire that is classic in design, but technological and innovative in performance. Suitable for any outdoor situation that requires suspension solutions, it is available with six different external finishes. The diffused optics is completed by the polycarbonate opal diffuser, which warms and completes the outdoor environments for a perfect final result. The optimizations made on the component couplings perfectly define the light output, without any hesitation.*

CE EAC

MORPHIS_4 | WALL LAMP > 232
 MORPHIS_4 | CEILING LAMP > 302
 MORPHIS_4 | POLE > 460



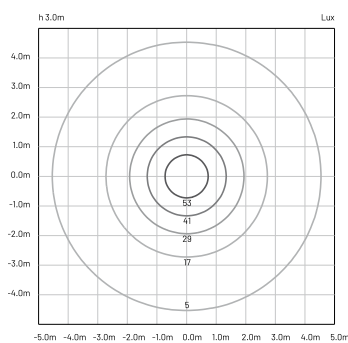
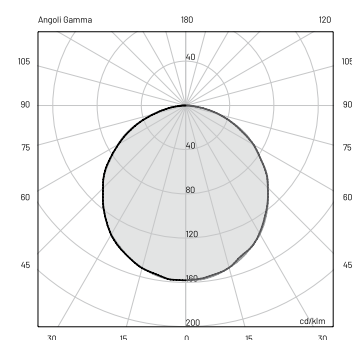


DIFFUSE



TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux	1550 lm (3400 lm*) @ 3000 K
Source flux	1650 lm (3600 lm) @ 4000 K
Luminous efficacy	44 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I









MATERIALS

<i>Body</i>	<u>Die-cast aluminium EN47100</u>
<i>Diffuser</i>	<u>Opal polycarbonate</u>
<i>Finishing</i>	<u>Polyester powder paint</u>

ORDER CODE

M0 4 2 SOS D _ B 10 _

Finishing

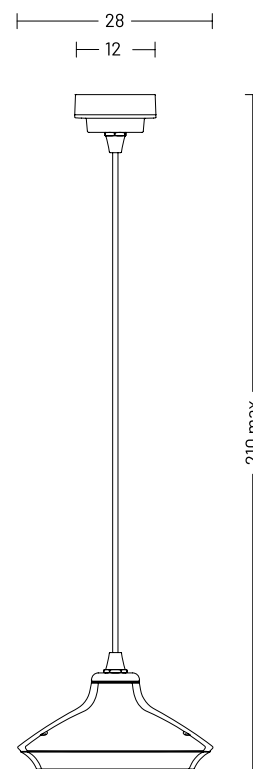
G	Black	
S	Black/copper	
P	Black/green	
R	Black/silver	
L	Graphite	
V	Oxide	

Light colour

N	4000 K
H	3000 K

Example

M0 4 2 SOS D N B 10 L



PROJECTORS

Anima
luminosa.

[Bright soul.]

lyras

design by Landa R&D



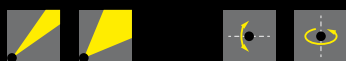


lyras 35

Proiettore a superficie entry level di gamma, Lyras 35 ha una luce spot o flood, discreta, precisa, e diffusore in policarbonato extra chiaro. Il design minimale e tecnologico e la potenza 2 W lo rendono perfetto per l'illuminazione di piccoli e medi spazi, ma facilmente adattabile ad infinite possibilità di installazione, proprio grazie alla sua dimensione ridotta e alle preziose finiture inox e bronze.

EN *Lyras 35 is an entry level surface projector of the range, with a discreet, precise spot or flood light and extra clear polycarbonate diffuser. The minimalist and technological design and the 2 W power make it perfect for lighting small and medium spaces, making it easily adaptable to infinite installation possibilities, thanks to its reduced size and precious stainless steel and bronze finishes.*

CE EAC





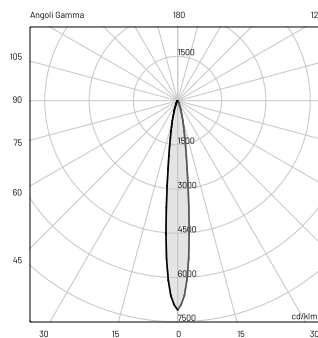
lyras 35

| 2W

SPOT • FLOOD

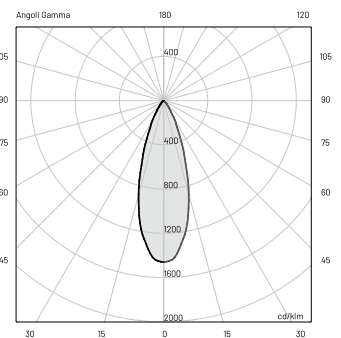
TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	118 lm (160 lm*) @ 3000 K 118 lm (160 lm*) @ 4000 K	102 lm (160 lm*) @ 3000 K 102 lm (160 lm*) @ 4000 K
Luminous efficacy	59 lm/W @ 3000 K 59 lm/W @ 4000 K	51 lm/W @ 3000 K 51 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	35°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 06	IK 06
Insulation class	III	III



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1136	1136	0.2
2.00	284	284	0.4
3.00	126	126	0.6
4.00	71	71	0.9
5.00	45	45	1.1



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	233	233	0.6
2.00	58	58	1.3
3.00	26	26	1.9
4.00	15	15	2.5
5.00	9	9	3.1

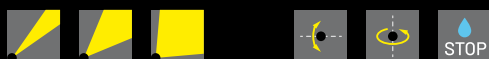
lyras 45

Performance e minimalismo, Lyras 45 è un compromesso perfetto. Un apparecchio compatto e potente, adatto per installazioni in ambienti esterni di qualsiasi tipo. Un design tecnico, senza alcuna mediazione, in cui estetica e funzionalità si fondono completamente.

2 W di potenza, schermo in vetro temperato extra chiaro da 6 mm e ottiche spot, flood o diffuse, per un apparecchio dal corpo in alluminio estruso EN AW6060 disponibile con finitura bronze o inox.

EN *Lyras 45 is a perfect compromise of performance and minimalism. A compact and powerful luminaire suitable for outdoor installations of any kind. A technical design, without any mediation, in which aesthetics and functionality merge univocally. 2 W power, 6 mm extra clear tempered glass screen and spot, flood or diffuse optics, for a luminaire with EN AW6060 extruded aluminum body available in bronze or stainless steel finish.*

CE EAC





lyras 45

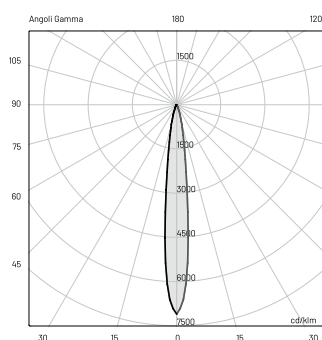
| 2W

SPOT • FLOOD • DIFFUSE



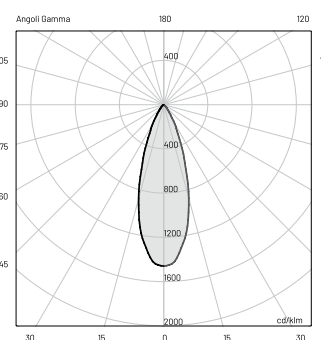
TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 2 W	LED 2 W
Total wattage	2 W	2 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	118 lm (160 lm*) @ 3000 K 118 lm (160 lm*) @ 4000 K	102 lm (160 lm*) @ 3000 K 102 lm (160 lm*) @ 4000 K
Luminous efficacy	59 lm/W @ 3000 K 59 lm/W @ 4000 K	51 lm/W @ 3000 K 51 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	35°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1136	1136	0.2
2.00	284	284	0.4
3.00	126	126	0.6
4.00	71	71	0.9
5.00	45	45	1.1

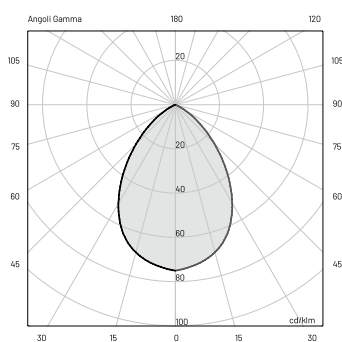


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	233	233	0.6
2.00	58	58	1.3
3.00	26	26	1.9
4.00	15	15	2.5
5.00	9	9	3.1

TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 2 W
Total wattage	2 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	17 lm (160 lm*) @ 3000 K 17 lm (160 lm*) @ 4000 K
Luminous efficacy	8.5 lm/W @ 3000 K 8.5 lm/W @ 4000 K
McADAM steps	3
Beam	80°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	III



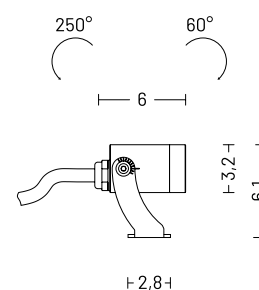
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	12	12	1.65
2.00	3	3	3.3
3.00	1	1	4.95
4.00	1	1	6.6
5.00	0	0	8.25





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear tempered glass 6 mm
Finishing	Anodized



ORDER CODE

LY 2 0 PRO	_ B 7 Z _	Finishing	1	Inox	
			2	Bronze	
		Light colour	N	4000 K	
			H	3000 K	
		Beam	S	Spot	
			F	Flood	
			D	Diffuse	
Example			LY 2 0 PRO S N B 7 Z 1		

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-

AVAILABLE ACCESSORIES

Code	Description	Page
00A469	Mounting spike	477
0404M009	Single connection IP68	477
0409BT014	Transformer _ 24 Vdc - 12 W	477
0409BT015	Transformer _ 24 Vdc - 25 W	477
0409BT016	Transformer _ 24 Vdc - 100 W	478



lyras 65

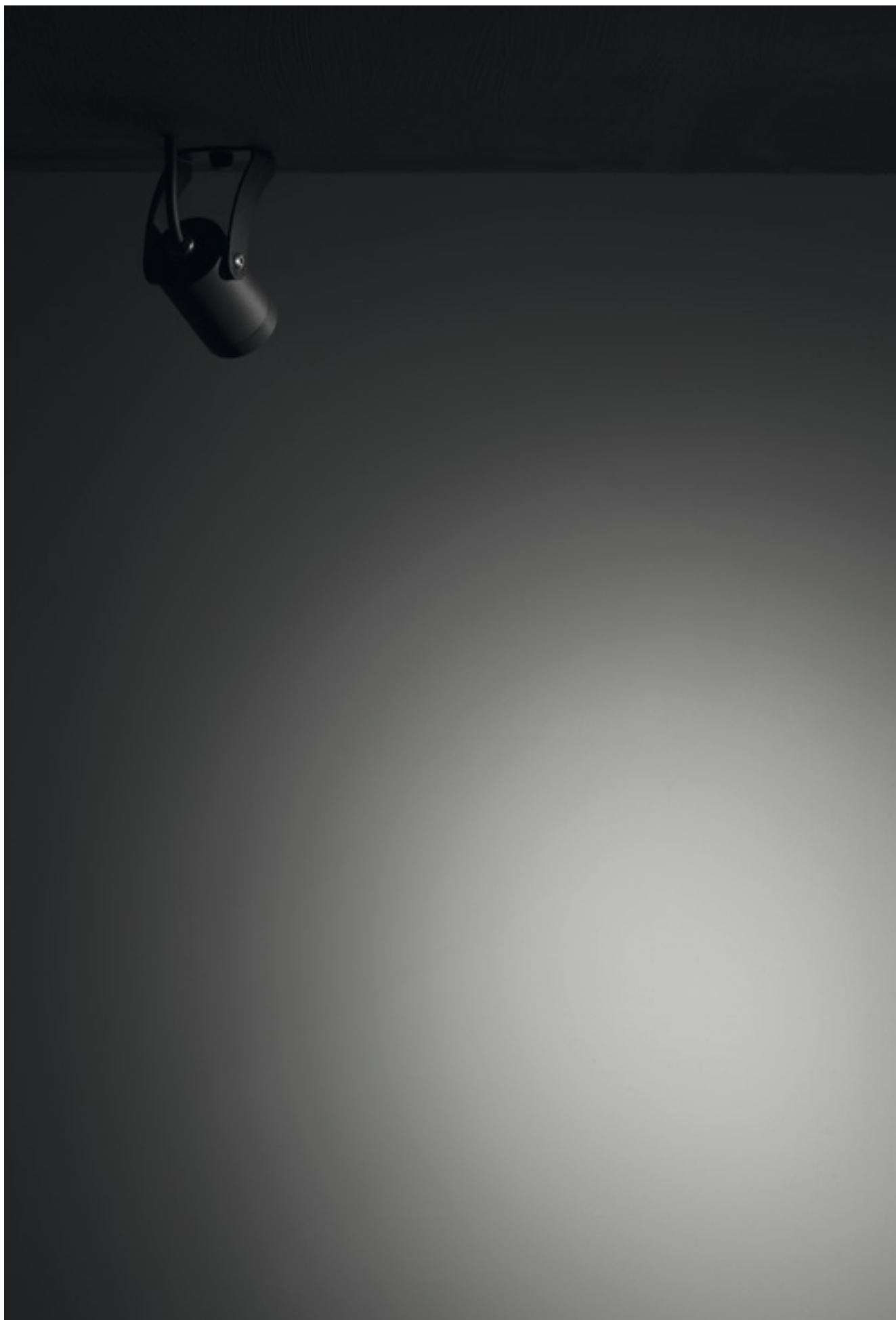
Un proiettore compatto e completo di tutto ciò che serve per un'illuminazione adeguata degli ambienti esterni. Lyras 65 è disponibile con alimentazione 220 - 240 Vac con ottiche medium e diffuse o 24 Vdc con ottiche spot, flood e diffuse. Lo schermo in vetro extra chiaro di 8 mm, definisce e potenzia la luce per infiniti effetti luminosi e ampie soluzioni estetiche. Il trattamento superficiale di Lyras 65 è molto resistente alla corrosione; le finiture bronze e inox conferiscono massima integrabilità in tutti gli ambienti outdoor.

EN *A compact projector, complete with everything you need for adequate outdoor lighting. Lyras 65 is available with 220 - 240 Vac power supply and medium and diffuse optics or with 24 Vdc version with spot, flood and diffuse optics. The 8 mm extra clear glass screen defines and enhances the light for infinite lighting effects and extensive aesthetic solutions. The surface treatment of Lyras 65 is very resistant to corrosion; the bronze and stainless steel finishes allow maximum integration in all outdoor environments.*

CE EAC

LYRAS 65 | CEILING LAMP > 278





lyras 65

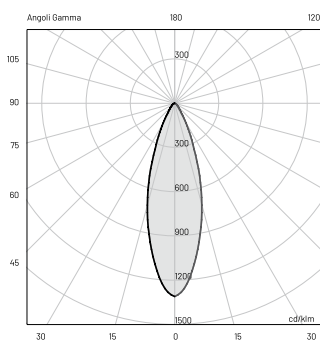
| 5W

MEDIUM • DIFFUSE



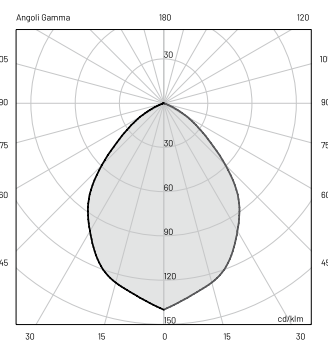
TECHNICAL SPECIFICATIONS

	MEDIUM	DIFFUSE
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	220-240 Vac, 50-60Hz	220-240 Vac, 50-60Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K	3000 K
Luminous flux *Source flux	294 lm (400 lm*)	93 lm (400 lm*)
Luminous efficacy	59 lm/W	18.6 lm/W
McADAM steps	3	3
Beam	30°	90°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	II	II



E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	524	0.6
2.00	131	1.2
3.00	58	1.8
4.00	33	2.4
5.00	21	3

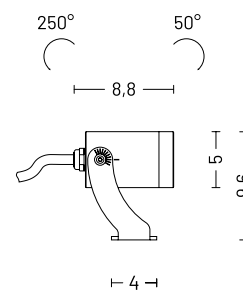


E (LUX)

H (m)	lux (3000 K)	Ø (m)
1.00	56	1.8
2.00	14	3.5
3.00	6	5.3
4.00	3	7.1
5.00	2	8.9



MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear tempered glass 8 mm
Finishing	Anodized



ORDER CODE

LY 3 0 PRO _ HA 10 _

Finishing	1	Inox	
	2	Bronze	
Beam	M	Medium	
	D	Diffuse	

Example

LY 3 0 PRO **M** HA 101

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable H05RN-F	-

AVAILABLE ACCESSORIES

Code	Description	Page
00A469	Mounting spike	479
0404M009	Single connection IP68	479



lyras 65

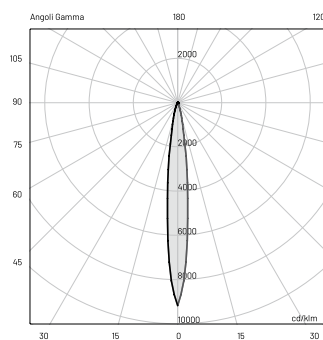
| 5W

SPOT • FLOOD • DIFFUSE



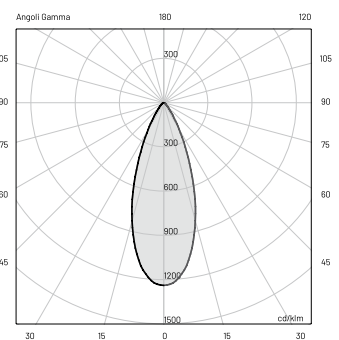
TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 5 W	LED 5 W
Total wattage	5 W	5 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included • dimmable on request	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	360 lm (480 lm*) @ 3000 K 360 lm (480 lm*) @ 4000 K	310 lm (480 lm*) @ 3000 K 310 lm (480 lm*) @ 4000 K
Luminous efficacy	72 lm/W @ 3000 K 72 lm/W @ 4000 K	62 lm/W @ 3000 K 62 lm/W @ 4000 K
McADAM steps	3	3
Beam	12°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	III	III



E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	4402	4402	0.2
2.00	1101	1101	0.4
3.00	489	489	0.6
4.00	275	275	0.8
5.00	176	176	1

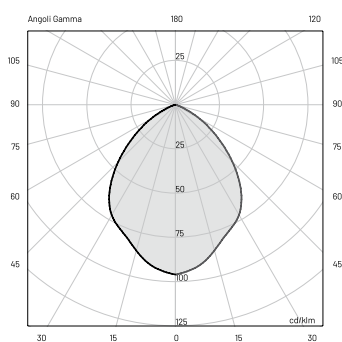


E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	594	594	0.7
2.00	149	149	1.4
3.00	66	66	2.1
4.00	37	37	2.8
5.00	24	24	3.5

TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 5 W
Total wattage	5 W
Voltage	24 Vdc
Control	Power supply not included • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	88 lm (480 lm*) @ 3000 K 88 lm (480 lm*) @ 4000 K
Luminous efficacy	17.6 lm/W @ 3000 K 17.6 lm/W @ 4000 K
McADAM steps	3
Beam	90°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	III



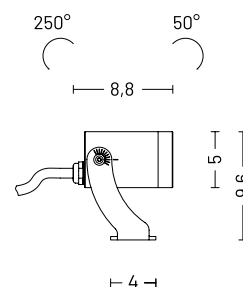
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	48	48	1.9
2.00	12	12	3.9
3.00	5	5	5.8
4.00	3	3	7.8
5.00	2	2	9.7





MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear tempered glass 8 mm
Finishing	Anodized



ORDER CODE

LY 3 0 PRO _ _ B 7 Z _

Finishing	1	Inox	
	2	Bronze	
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	D	Diffuse	

Example LY 3 0 PRO S N B 7 Z 1

INCLUDED ACCESSORIES

Code	Description	Page
-	1 m length cable -05RN-F	-

AVAILABLE ACCESSORIES

Code	Description	Page
00A469	Mounting spike	478
0404M009	Single connection IP68	478
0409BT014	Transformer _ 24 Vdc - 12 W	478
0409BT015	Transformer _ 24 Vdc - 25 W	478
0409BT016	Transformer _ 24 Vdc - 100 W	478



lyras 160

Vetro extra chiaro temprato da 5 mm e potenza 20 W e 30 W per Lyras 160: "Il Proiettore", espressione estrema di tutta la qualità produttiva Made in Italy.

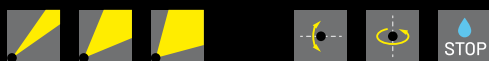
Un cono performante, compatto e potente, con finiture disponibili graphite e light grey ottime per le installazioni più variegata possibili; i fasci di luce spot, flood e wide flood comunicano con tutte le tipologie di spazio outdoor.

Oltre a diffondere una luce perfetta, è particolarmente indicato e resistente in condizioni estreme, grazie alla componentistica in acciaio inox A4 e le guarnizioni di protezione in EPDM 70SH.

EN 5 mm extra clear tempered glass and 20 W and 30 W power for Lyras 160: "The Projector", extreme expression of all Made-in-Italy production quality. A high performance, compact and powerful cone with graphite or light grey finishes, excellent for the most varied installations; the beams of spot, flood and wide flood light communicate with all types of outdoor space.

In addition to providing perfect light, it is particularly suitable and resistant to extreme conditions, thanks to its A4 stainless steel components and 70SH EPDM protection seals.

CE EAC





lyras 160

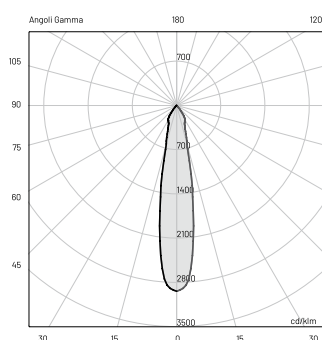
| 20W

SPOT • FLOOD • WIDE FLOOD

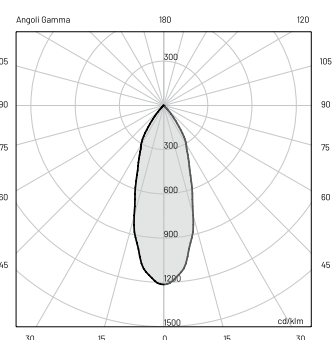


TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 20 W	LED 20 W
Total wattage	20 W	20 W
Voltage	220-240 Vac, 50-60Hz	220-240 Vac, 50-60Hz
Control	IGBT-TRIAC • dimmable on request	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1280 lm (1925 lm*) @ 3000 K 1340 lm (2050 lm*) @ 4000 K	1203 lm (1925 lm*) @ 3000 K 1250 lm (2050 lm*) @ 4000 K
Luminous efficacy	64 lm/W @ 3000 K 67 lm/W @ 4000 K	60 lm/W @ 3000 K 62.5 lm/W @ 4000 K
McADAM steps	3	3
Beam	20°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	I	I



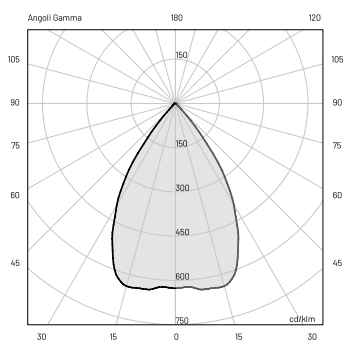
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	5287	5525	0.4
2.00	1322	1381	0.7
3.00	587	614	1.1
4.00	330	345	1.4
5.00	211	221	1.8



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	2184	2261	0.7
2.00	546	565	1.4
3.00	243	251	2
4.00	137	141	2.7
5.00	87	90	3.4

TECHNICAL SPECIFICATIONS

	WIDE FLOOD
Source lamp	LED 20 W
Total wattage	20 W
Voltage	220-240 Vac, 50-60Hz
Control	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1236 lm (1925 lm*) @ 3000 K 1285 lm (2050 lm*) @ 4000 K
Luminous efficacy	61.8 lm/W @ 3000 K 64 lm/W @ 4000 K
McADAM steps	3
Beam	60°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	I



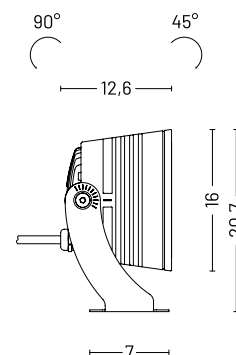
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1127	1172	1.3
2.00	282	293	2.6
3.00	125	130	3.9
4.00	70	73	5.2
5.00	45	47	6.5



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear tempered glass 5 mm
Finishing	Polyester powder paint



ORDER CODE

LY 8 0 PRO _ _ B 11 _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	W	Wide flood	

Example LY 8 0 PRO S N B 11 L

INCLUDED ACCESSORIES

Code	Description	Page
-	2 m length cable H07RN-F	-

AVAILABLE ACCESSORIES

Code	Description	Page
00A4641.01	Joint for pole Ø 60 mm	479
00A4641.02	Tree rope	479
00A4641.03	Mounting spike	479
0404M003	Loop-in loop-out IP68	479
0404M004	Single connection IP68	479



lyras 160

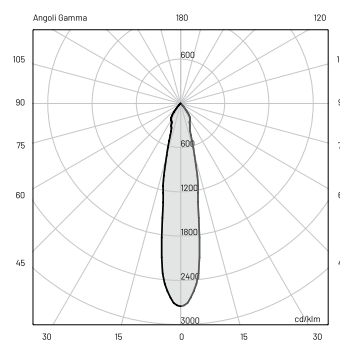
| 30W

SPOT • FLOOD • WIDE FLOOD

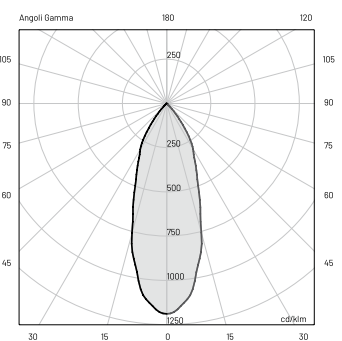


TECHNICAL SPECIFICATIONS

	SPOT	FLOOD
Source lamp	LED 30 W	LED 30 W
Total wattage	30 W	30 W
Voltage	220-240 Vac, 50-60Hz	220-240 Vac, 50-60Hz
Control	IGBT-TRIAC • dimmable on request	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1848 lm (2620 lm*) @ 3000 K 1970 lm (2800 lm*) @ 4000 K	1700 lm (2620 lm*) @ 3000 K 1807 lm (2800 lm*) @ 4000 K
Luminous efficacy	61.6 lm/W @ 3000 K 66 lm/W @ 4000 K	57 lm/W @ 3000 K 60 lm/W @ 4000 K
McADAM steps	3	3
Beam	20°	40°
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 08	IK 08
Insulation class	I	I



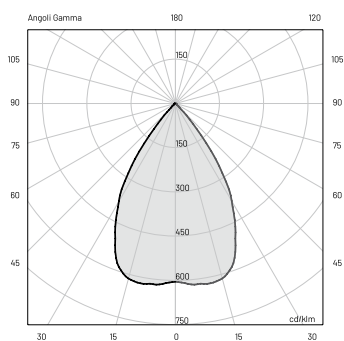
E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	7150	7617	0.4
2.00	1787	1904	0.7
3.00	794	846	1.1
4.00	447	476	1.4
5.00	286	305	1.8



E (LUX)			
H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	3089	3280	0.7
2.00	772	820	1.4
3.00	343	364	2
4.00	193	205	2.7
5.00	124	131	3.4

TECHNICAL SPECIFICATIONS

	WIDE FLOOD
Source lamp	LED 30 W
Total wattage	30 W
Voltage	220-240 Vac, 50-60Hz
Control	IGBT-TRIAC • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (2620 lm*) @ 3000 K 1807 lm (2800 lm*) @ 4000 K
Luminous efficacy	57 lm/W @ 3000 K 60 lm/W @ 4000 K
McADAM steps	3
Beam	60°
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 67
IK rating	IK 08
Insulation class	I



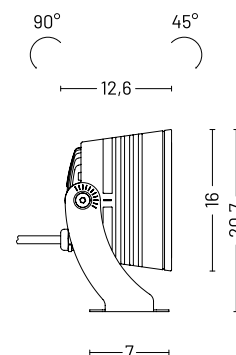
E (LUX)

H (m)	lux (3000 K)	lux (4000 K)	Ø (m)
1.00	1583	1671	1.3
2.00	396	418	2.6
3.00	176	186	3.9
4.00	99	104	5.2
5.00	63	67	6.5



MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear tempered glass 5 mm
Finishing	Polyester powder paint



ORDER CODE

LY81PRO _ _ B11 _

Finishing	L	Graphite	●
	M	Light grey	●
Light colour	N	4000 K	
	H	3000 K	
Beam	S	Spot	
	F	Flood	
	W	Wide flood	

Example LY81PRO S N B11 L

INCLUDED ACCESSORIES

Code	Description	Page
-	2 m length cable H07RN-F	

AVAILABLE ACCESSORIES

Code	Description	Page
00A4641.01	Joint for pole Ø 60 mm	479
00A4641.02	Tree rope	479
00A4641.03	Mounting spike	479
0404M003	Loop-in loop-out IP68	479
0404M004	Single connection IP68	479



BOLLARDS

Armonia e funzionalità.

[Harmony and functionality.]

kubs

design by Landa R&D



kubs

Un design armonico e compatto per Kubs, un bollard tridimensionale con altezza variabile, perfetto per la valorizzazione e l'illuminazione di percorsi e viali d'accesso esterni. Un apparecchio fornito con potenza 3 e 6 W a mono o bi-emissione con fascio di luce asimmetrico. La doppia possibilità di finitura, graphite e oxide ne amplia le possibilità estetiche, unendo la funzione alla qualità tecnica. Fasci di luce precisi, per effetti d'impatto anche in condizioni outdoor particolarmente estreme.

EN *Harmonious and compact design, a 3D bollard with variable height, perfect for enhancing and illuminating external paths and access routes. A luminaire supplied with 3 and 6 W single or double emission power with asymmetrical light beam. The two available finishes, graphite and oxide, expand the aesthetic possibilities, combining function with technical quality. Precise light beams for high impact effects even in extreme outdoor conditions.*

CE EAC

KUBS | WALL LAMP > 174





SINGLE ASYMMETRIC

TECHNICAL
SPECIFICATIONS

Source lamp

LED 3 W

Total wattage

5.5 W

Voltage

220-240 Vac, 50-60 Hz

Control

On/Off • dimmable on request

Light colour

3000 K • other colours on request

Luminous flux

119 lm (260 lm*)

*Source flux

Luminous efficacy

22 lm/W

McADAM steps

3

Beam

Asymmetric

CRI

> 90

Life time

L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

IP rating

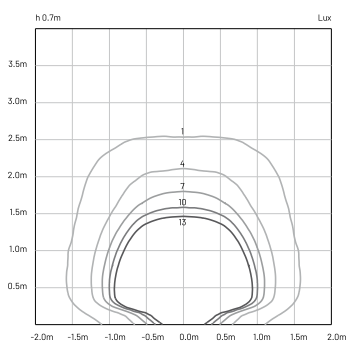
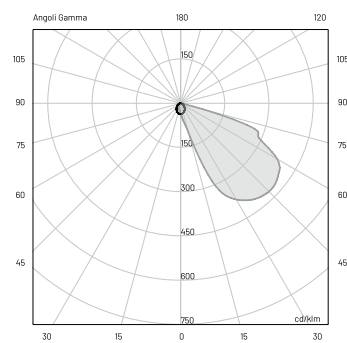
IP 65

IK rating

IK 08

Insulation class

I



MATERIALS

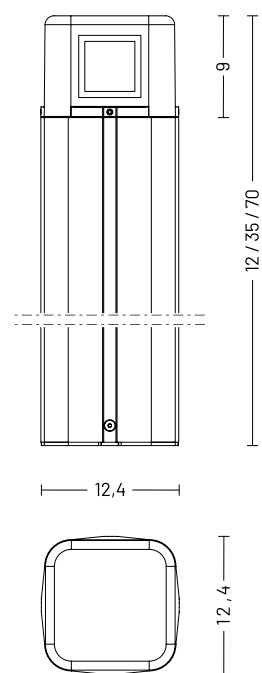
Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear PMMA
Finishing	Polyester powder paint

ORDER CODE

KU 3 0 _ _ _ A H B 1 0 _

Finishing	L	Graphite	●
	V	Oxide	●
Height	012	12 cm	
	035	35 cm	
	070	70 cm	

Example KU 3 0 012 A H B 1 0 L



AVAILABLE ACCESSORIES

Code	Description	Page
00A404.01P	Anchor bolt	476
0404M003	Loop-in loop-out IP68	476



SINGLE ASYMMETRIC

TECHNICAL SPECIFICATIONS

Source lamp

LED 6 W

Total wattage

9 W

Voltage

220-240 Vac, 50-60 Hz

Control

On/Off • dimmable on request

Light colour

3000 K • other colours on request

Luminous flux
*Source flux

240 lm (520 lm*)

Luminous efficacy

27 lm/W

McADAM steps

3

Beam

Asymmetric

CRI

> 90

Life time

L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

IP rating

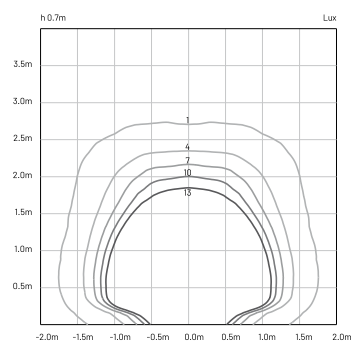
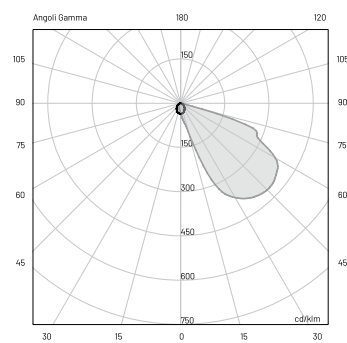
IP 65

IK rating

IK 08

Insulation class

I



MATERIALS

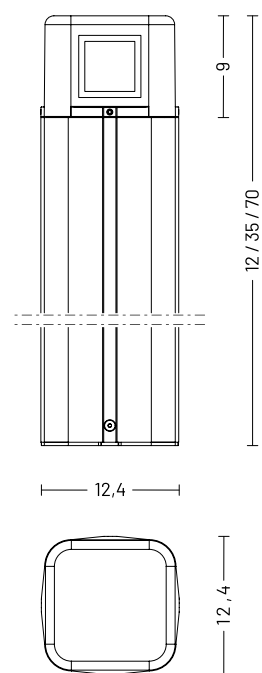
Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear PMMA
Finishing	Polyester powder paint

ORDER CODE

KU 31 ___ AHB10 _

Finishing	L	Graphite	●
	V	Oxide	●
Height	012	12 cm	
	035	35 cm	
	070	70 cm	

Example KU 31 012 AHB10 L



AVAILABLE ACCESSORIES

Code	Description	Page
00A404.01P	Anchor bolt	476
0404M003	Loop-in loop-out IP68	476



DOUBLE ASYMMETRIC

TECHNICAL
SPECIFICATIONS

Source lamp

LED 6 W

Total wattage

9 W

Voltage

220-240 Vac, 50-60 Hz

Control

On/Off • dimmable on request

Light colour

3000 K • other colours on request

Luminous flux

240 lm (520 lm*)

*Source flux

Luminous efficacy

27 lm/W

McADAM steps

3

Beam

Asymmetric

CRI

> 90

Life time

L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

IP rating

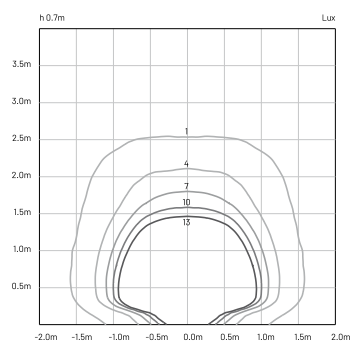
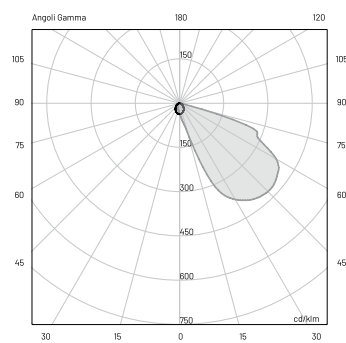
IP 65

IK rating

IK 08

Insulation class

I



MATERIALS

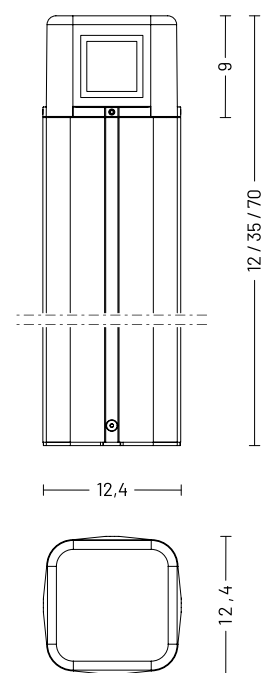
Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear PMMA
Finishing	Polyester powder paint

ORDER CODE

KU 3 0 ____ 4 H B 1 0 _

Finishing	L	Graphite	●
	V	Oxide	●
Height	012	12 cm	
	035	35 cm	
	070	70 cm	

Example KU 3 0 012 4 H B 1 0 L



AVAILABLE ACCESSORIES

Code	Description	Page
00A404.01P	Anchor bolt	476
0404M003	Loop-in loop-out IP68	476







Minimalismo
e tridimensio-
nalità.

[Minimalism and 3D.]

lako

design by Landa R&D



Lako

Una luce asimmetrica a mono o bi-emissione, quella di Lako, bollard disponibile con altezza 18, 40 o 60 cm e perfetto per l'illuminazione funzionale dei camminamenti o dei vialetti d'accesso situati in parchi e giardini. Lo schermo è opale, il design è moderno, funzionale e minimalista, e sempre perfettamente integrabile nel contesto di progettazione, grazie all'estrema adattabilità della finitura in vernice a polvere color graphite.

Tecnologico nella sua semplicità, minimal nella sua tridimensionalità: il corpo cilindrico di Lako è resistente e realizzato in alluminio pressofuso ed estruso.

EN *An asymmetrical light with single or double emission, a bollard available in three different heights 18, 40 or 60 cm and perfect for the functional lighting of walkways or driveways of parks and gardens. The screen is opal, the design is modern, functional and minimalist and can always be perfectly integrated into the design context, thanks to the very high adaptability of the graphite powder paint finish. Technological but simple, minimal in its 3D: Lako's cylindrical body is resistant and made of die-cast extruded aluminum.*

CE EAC

LAKO | WALL LAMP > 186





SINGLE ASYMMETRIC • DOUBLE ASYMMETRIC

TECHNICAL SPECIFICATIONS

Source lamp

SINGLE ASYMMETRIC

LED 6 W

DOUBLE ASYMMETRIC

LED 6 W

Total wattage

6 W

6 W

Voltage

220-240 Vac, 50-60 Hz

220-240 Vac, 50-60 Hz

Control

On/Off

On/Off

Light colour

3000 K

3000 K

Luminous flux
*Source flux

108 lm (600 lm*)

216 lm (600 lm*)

Luminous efficacy

18 lm/W

36 lm/W

McADAM steps

3

3

Beam

Asymmetric

Double asymmetric

CRI

> 90

> 90

Life time

L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°CL70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

Energy efficiency class

A++

A++

IP rating

IP 65

IP 65

IK rating

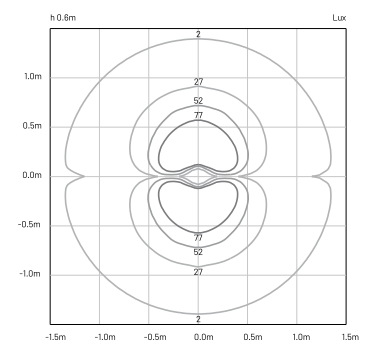
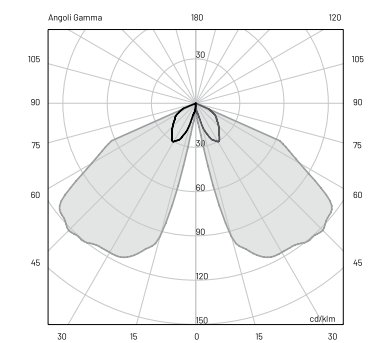
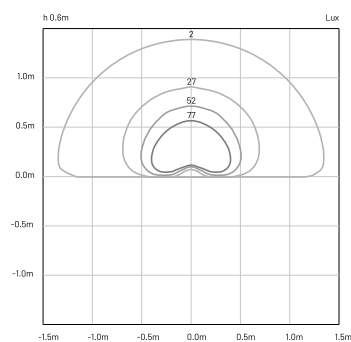
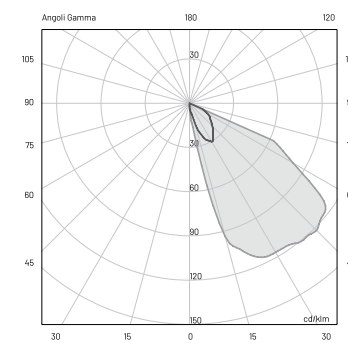
IK 08

IK 08

Insulation class

II

II



MATERIALS

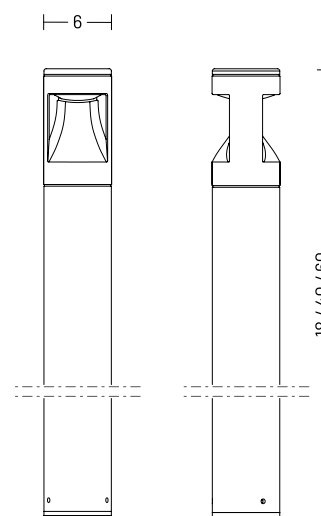
Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Opal polycarbonate
Finishing	Graphite polyester powder paint ●

ORDER CODE

LA 20 ____ HB10L

Beam	A Single asymmetric
	4 Double asymmetric
Height	018 18 cm
	040 40 cm
	060 60 cm

Example LA 20 **018 A** HB10L



AVAILABLE ACCESSORIES

Code	Description	Page
00A409	Root mounting kit	476







Classicità
e tecno-
logia.

[Classicism and technology.]

morphis

design by Innocenzo Rifino & Lorenzo Ruggieri



morphis_1

Tutta l'estetica tradizionale nella forma e la più completa tecnologia illuminotecnica nell'innovazione di Morphis_1: il classico trasportato nella contemporaneità per la versione bollard del prodotto, disponibile con altezza 54 e 93 cm. Una luce diffusa e un diffusore extra chiaro in polycarbonato. Un apparecchio con potenza 29 W ideale per illuminare strade di accesso e vialetti esterni, in alluminio pressofuso EN 47100 e sei possibilità di finitura a polvere.

EN *Very traditional in the shape and very innovative in the lighting technology: Morphis_1 is a classic bollard that has been re-designed to become contemporaneous, available with height 54 and 93 cm. A diffused light and an extra clear polycarbonate diffuser. A 29 W fixture ideal for illuminating access roads and external paths, in EN 47100 die-cast aluminum and six powder paint finishing options.*

CE EAC

MORPHIS_1 | WALL LAMP > 216
 MORPHIS_2 | WALL LAMP > 222
 MORPHIS_3 | WALL LAMP > 228
 MORPHIS_3 | PENDANT > 320
 MORPHIS_1 | POLE > 444
 MORPHIS_2 | POLE > 450
 MORPHIS_3 | POLE > 454





morphis_1

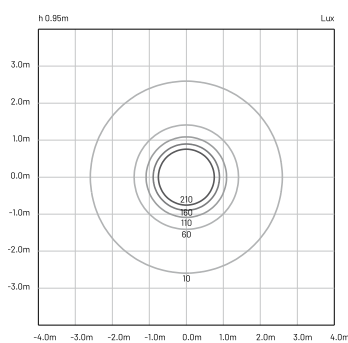
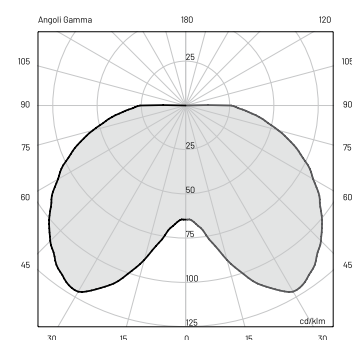
| 29W

DIFFUSE



TECHNICAL SPECIFICATIONS

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



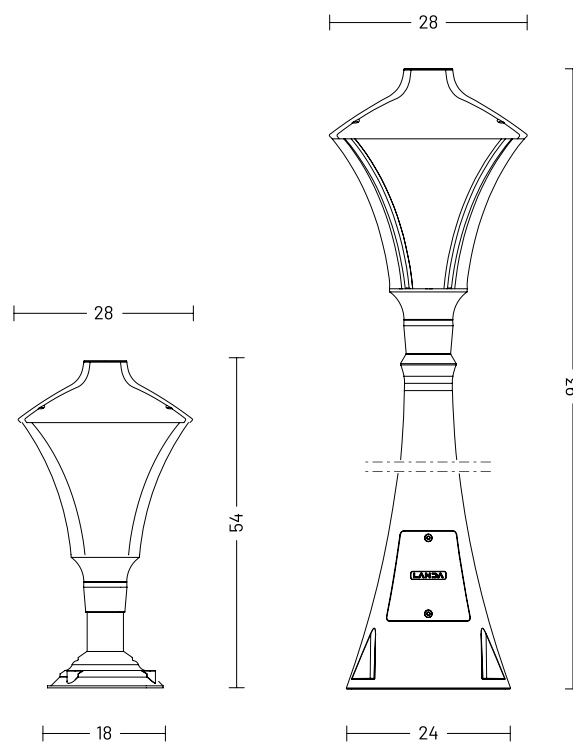
MATERIALS

Body	Die-cast aluminium EN47100
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

MO 4 0 _ _ _ D _ B 1 0 _

Finishing	G	Black	●
	S	Black/copper	●
Light colour	P	Black/green	●
	R	Black/silver	●
Height	L	Graphite	●
	V	Oxide	●
Example	N	4000 K	
	H	3000 K	
	055	54 cm	
	095	93 cm	
	Example MO 4 0 055 D N B 1 0 G		



AVAILABLE ACCESSORIES

Code	Description	Page
00A170.01P	Anchor bolt	483
0404M003	Loop-in loop-out IP68	483





Luce
e design.

[Light and design.]

neway

design by Innocenzo Rifino & Lorenzo Ruggeri



neway

Una forma evocativa ed elegante quella di Neway, apparecchio da terra con potenza 10 W e diffusore extra chiaro in policarbonato. Un bollard in cui il design è abbinato all'illuminazione, disponibile con altezza 33, 45, 75, 100 e 125 cm e tre possibili finiture, graphite, light grey e oxide. Neway è tridimensionalità assoluta, solidità e perfetta distribuzione luminosa. Nessun limite progettuale e massima resistenza possibile, grazie alla perfezione delle componenti progettuali e alle soluzioni tecniche adottate.

EN *Neway shape is evocative and elegant, a 10 W floor-standing luminaire with extra clear polycarbonate diffuser. A bollard where lighting is enhanced by design, available with height 33, 45, 75, 100 and 125 cm and three different finishes, graphite, light grey and oxide. Neway is absolute 3D, solidity and perfect light distribution. No design limits and maximum resistance, thanks to the perfection of the design components and the technical solutions adopted.*

CE EAC

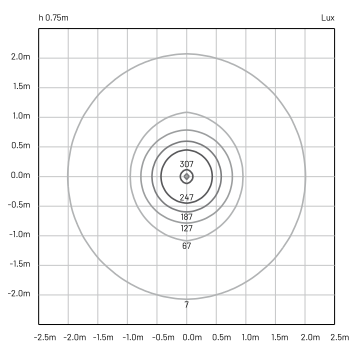
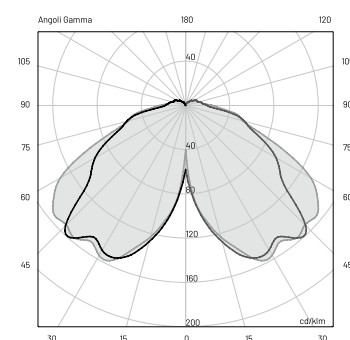






TECHNICAL SPECIFICATIONS

<i>Source lamp</i>	DIFFUSE
<i>Total wattage</i>	LED 10 W
<i>Voltage</i>	12 W
<i>Control</i>	220-240 Vac, 50-60 Hz
<i>Light colour</i>	On/Off • dimmable on request
<i>Luminous flux</i> <i>*Source flux</i>	3000 K • 4000 K • other colours on request
<i>Luminous efficacy</i>	890 lm (1200 lm*) @ 3000 K 940 lm (1300 lm*) @ 4000 K
<i>McADAM steps</i>	74.2 lm/W @ 3000 K 78 lm/W @ 4000 K
<i>Beam</i>	3
<i>CRI</i>	Diffuse
<i>Life time</i>	> 90
<i>Energy efficiency class</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>IP rating</i>	A++
<i>IK rating</i>	IP 65
<i>Insulation class</i>	IK 08
	I



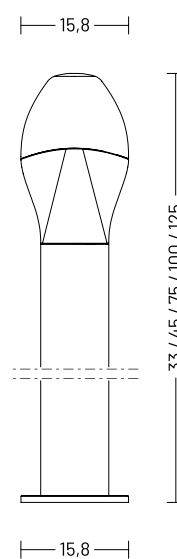
MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminum EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

NE 5 0 _ _ _ D _ B 1 0 _

Finishing	L	Graphite	●
	M	Light grey	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Height	035	35 cm	
	045	45 cm	
	075	75 cm	
	100	100 cm	
	125	125 cm	
Example	NE 5 0 035 D H B 1 0 L		



AVAILABLE ACCESSORIES

Code	Description	Page
00A405.01P	Anchor bolt	484
00A405	Root mounting kit	484
0404M003	Loop-in loop-out IP68	484







Lessico
e forma.

[Lexicon and shape.]

oko

design by Teseo Berghella



oko

La perfezione della luce in una forma ovale perfetta anche per la variante bollard di Oko, disponibile con altezza di 95 cm. Oko ha un'emissione luminosa diffondente, asimmetrica singola per la versione da 6 W e doppia per il 12 W.

Ideale per l'illuminazione di camminamenti e viali d'accesso, è un apparecchio robusto con corpo in alluminio fuso in conchiglia EN47000 resistente all'ossidazione grazie a speciali trattamenti, mentre le finiture disponibili oxide e graphite, per soluzioni estetiche utili ad ogni esigenza progettuale.

EN *Perfect light in an oval shape excellent also for the Oko bollard version, available with height 95 cm. Oko has a diffuse, asymmetrical single light-emission for the 6 W version and double light-emission for the 12 W version.*

Ideal for illuminating walkways and access paths, it is a robust fixture with EN47000 die-cast aluminum body resistant to oxidation thanks to special treatments, while the available oxide and graphite finishes offer aesthetic solutions useful for every design requirement.

CE EAC

OKO | WALL LAMP > 240

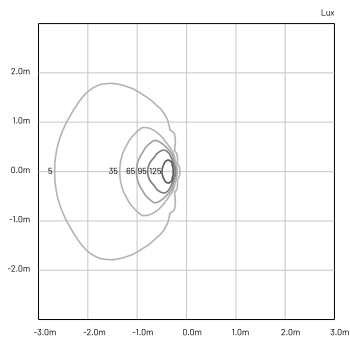
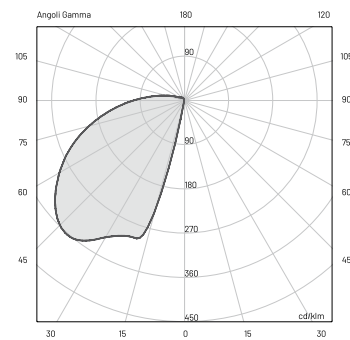






TECHNICAL SPECIFICATIONS

	SINGLE ASYMMETRIC
Source lamp	LED 6 W
Total wattage	9 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	263 lm (520 lm*) @ 3000 K 285 lm (550 lm*) @ 4000 K
Luminous efficacy	30 lm/W @ 3000 K 32 lm/W @ 4000 K
McADAM steps	3
Beam	Asymmetric
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



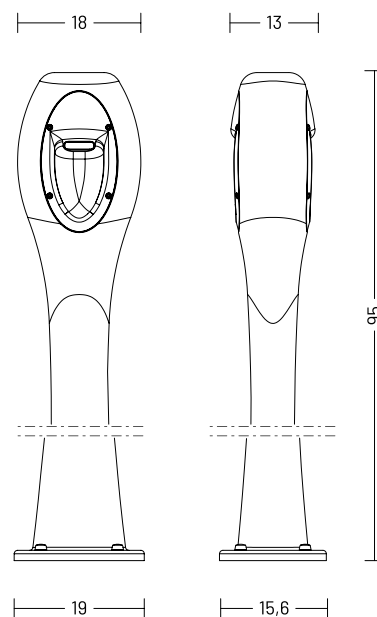
MATERIALS

Body	Die-cast aluminium EN47000
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

OK10095A_B10_

Finishing	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Example	OK10095ANB10L		



AVAILABLE ACCESSORIES

Code	Description	Page
00A406.01P	Anchor bolt	484
0404M003	Loop-in loop-out IP68	484

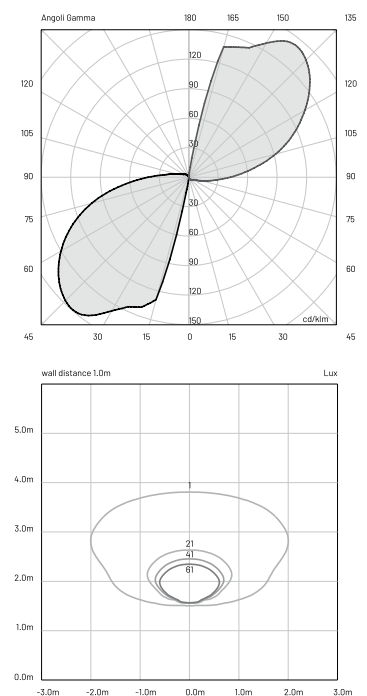
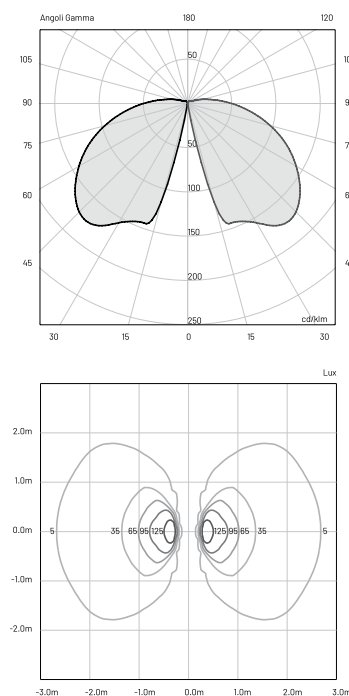


DOUBLE ASYMMETRIC • DOUBLE ASYMMETRIC "UPSIDE DOWN"



TECHNICAL SPECIFICATIONS

	DOUBLE ASYMMETRIC	DOUBLE ASYMMETRIC "UPSIDE DOWN"
Source lamp	LED 12 W	LED 12 W
Total wattage	16 W	16 W
Voltage	220-240 Vac, 50-60 Hz	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	526 lm (1040 lm*) @ 3000 K 570 lm (1100 lm*) @ 4000 K	526 lm (1040 lm*) @ 3000 K 570 lm (1100 lm*) @ 4000 K
Luminous efficacy	30 lm/W @ 3000 K 32 lm/W @ 4000 K	30 lm/W @ 3000 K 32 lm/W @ 4000 K
McADAM steps	3	3
Beam	Asymmetric	Asymmetric
CRI	> 90	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 65	IP 65
IK rating	IK 08	IK 08
Insulation class	I	I



The chart shows only the upward projection with the product positioned 1 m from the wall. The ground projection is the same as for Oko single asymmetric.

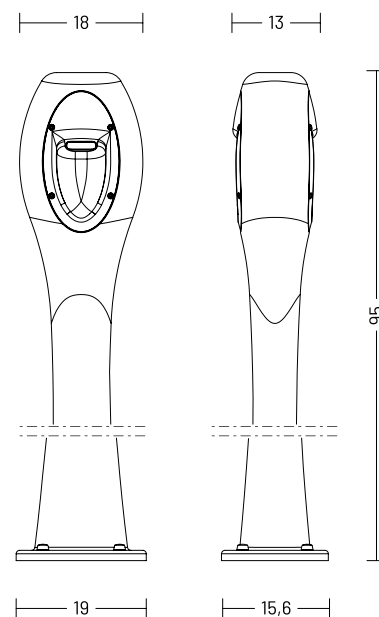
MATERIALS

Body	Die-cast aluminium EN47000
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

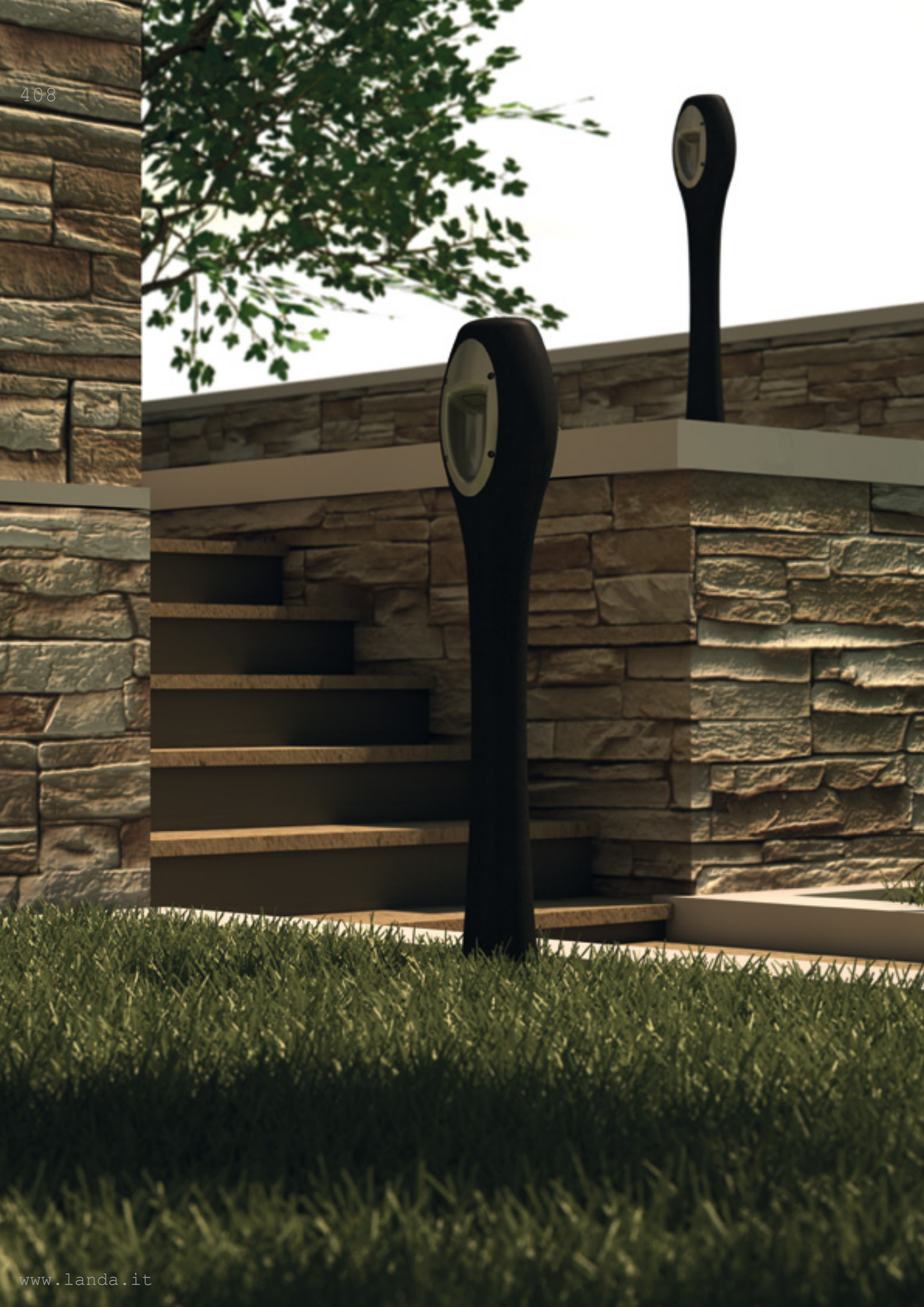
OK1_0954_B10_

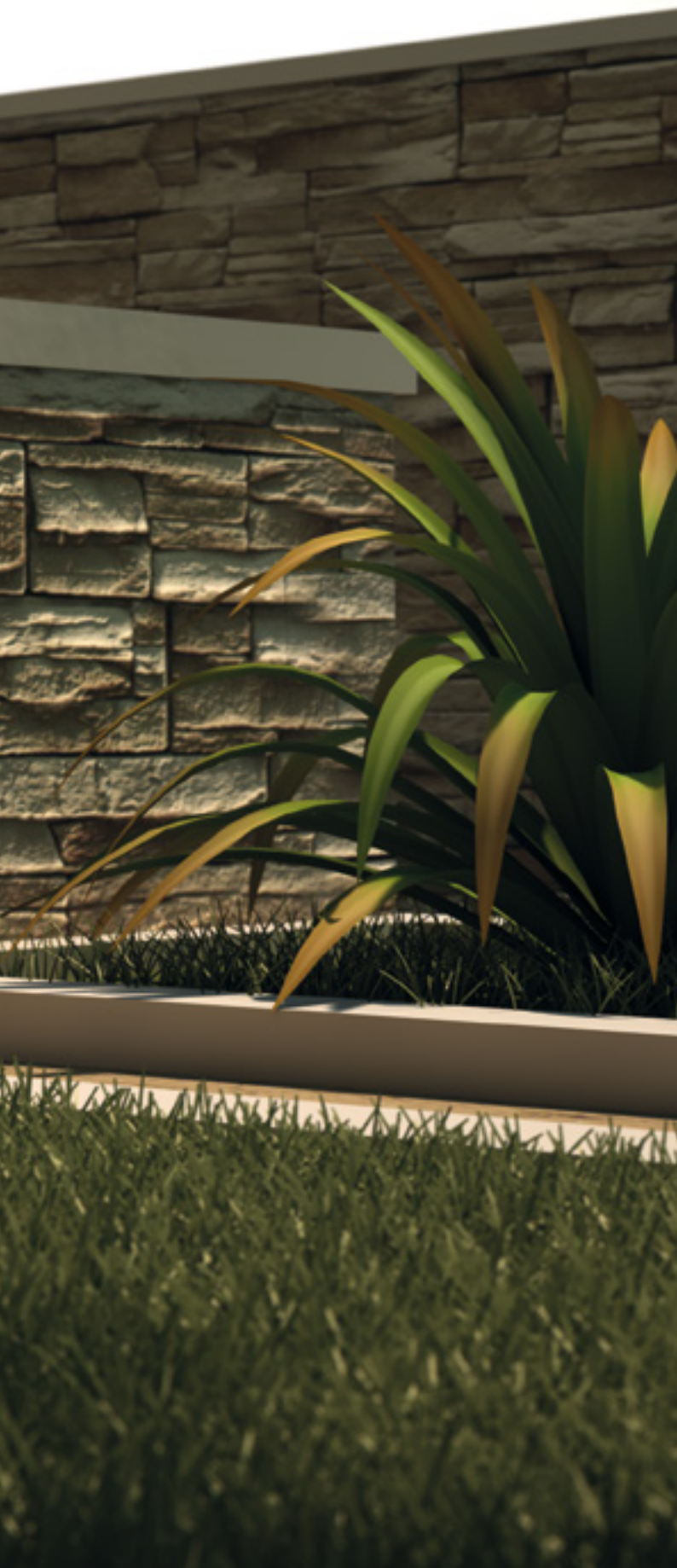
Finishing	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Model	0	Double emission	
	1	Double emission "upside down"	
Example	OK100954NB10L		



AVAILABLE ACCESSORIES

Code	Description	Page
00A406.01P	Anchor bolt	484
0404M003	Loop-in loop-out IP68	484





Funzionalità,
sintesi di luce
e forma.

[Functionality,
synthesis of light
and shape.]

polos

design by Landa R&D



polos

Quando lo spazio non ha segreti. Polos, bollard facilmente integrabile in qualsiasi ambiente esterno, è una gamma funzionale e completa per progetti ed installazioni di estrema facilità. Apparecchio da terra con potenza 14 W ideale per segnare percorsi ed ingressi esterni in modo deciso, scenico ed evocativo. Una luce diffusa con palo disponibile in diverse altezze e con doppia possibilità di grandezza del diffusore. Le finiture fornite sono graphite, light grey e oxide, per una massima adattabilità con lo spazio circostante.

EN *When space has no secrets. Polos is a bollard easy to integrate in any outdoor environment, a functional and complete range for very easy projects and installations. Floor-standing luminaire with 14 W power, ideal for lighting paths and external entrances in a decisive, scenic and evocative way. A diffused light with pole available in different heights and diffuser in two different sizes. Three finishes available, graphite, light grey and oxide, for maximum adaptability to the surrounding space.*

CE EAC

POLOS | WALL LAMP > 248
POLOS | POLE > 468

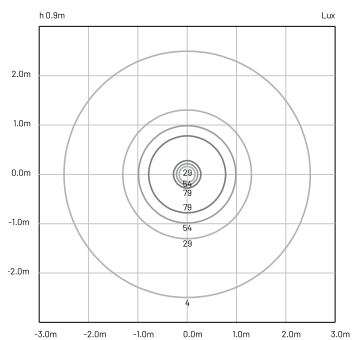
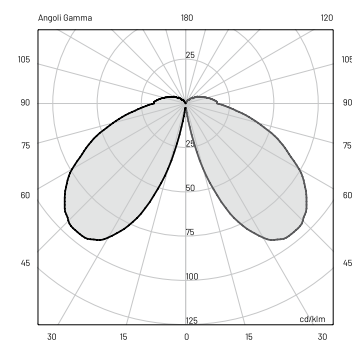






TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 14 W
Total wattage	16 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux	680 lm (1560 lm*) @ 3000 K
Source flux	750 lm (1700 lm) @ 4000 K
Luminous efficacy	42.5 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



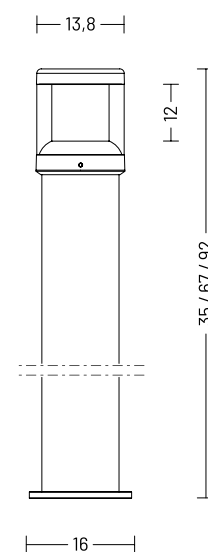
MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminum EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

PO 2 0 _ _ _ D _ B 1 0 _

Finishing	L	Graphite	●
	M	Light grey	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Height	035	35 cm	
	070	67 cm	
	090	92 cm	
Example	PO 2 0 035 D N B 1 0 L		



AVAILABLE ACCESSORIES

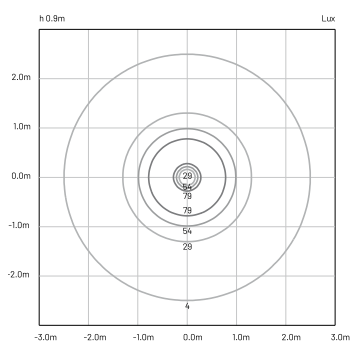
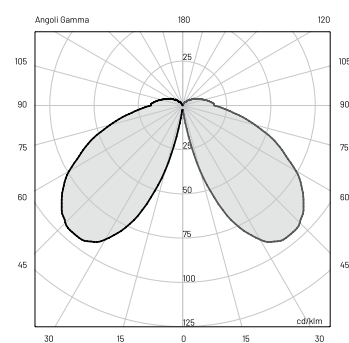
Code	Description	Page
00A405.01P	Anchor bolt	484
00A405	Root mounting kit	484
0404M004	Single connection IP68	484
0404M003	Loop-in loop-out IP68	485





TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 14 W
Total wattage	16 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	680 lm (1560 lm*) @ 3000 K 750 lm (1700 lm*) @ 4000 K
Luminous efficacy	42.5 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I






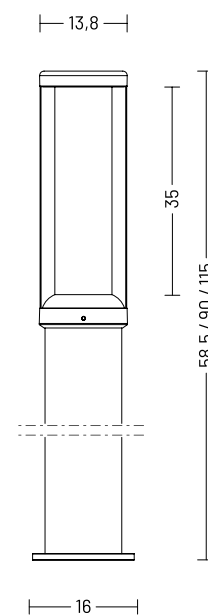
MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminum EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

PO 3 0 _ _ _ D _ B 1 0 _

Finishing	L	Graphite	
	M	Light grey	
	V	Oxide	
Light colour	N	4000 K	
	H	3000 K	
Height	060	58.5 cm	
	090	90 cm	
	115	115 cm	
Example	PO 3 0 060 D N B 1 0 L		



AVAILABLE ACCESSORIES

Code	Description	Page
00A405.01P	Anchor bolt	484
00A405	Root mounting kit	484
0404M004	Single connection IP68	484
0404M003	Loop-in loop-out IP68	485





Pratico
e formale.

[Practical and formal.]

titano

design by Landa R&D



titano

Titano è un apparecchio da terra da 10 W disponibile in differenti altezze, facilmente integrabile e installabile in ogni tipologia di ambiente esterno. Una forma semplice per un paletto pratico e formale, robusto e inattaccabile dagli agenti atmosferici. L'emissione ottica è diffondente, precisa e uniforme, anche grazie al diffusore in polycarbonato extra chiaro. Titano è disponibile con corpo in acciaio inox AISI 316L o nella versione in alluminio estruso EN AW6060 con possibilità di finitura graphite e oxide.

EN *Titano is a 10 W floor-standing luminaire available in different heights, easy to integrate and install in any outdoor environment. A simple shape for a practical and formal pole, robust and weatherproof. The light emission is diffusing, precise and uniform, also thanks to the extra-clear polycarbonate diffuser. Titano is available with AISI 316L stainless steel body or in the EN AW6060 extruded aluminum version with graphite or oxide finishing.*

CE ENEC



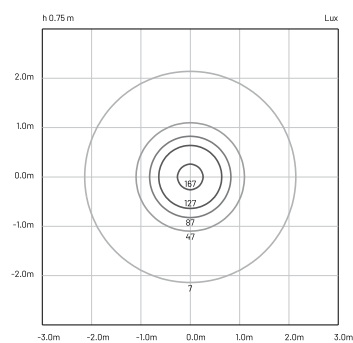
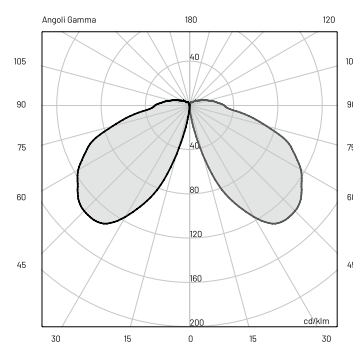


DIFFUSE



TECHNICAL SPECIFICATIONS

Source lamp	LED 10 W
Total wattage	12 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	890 lm (1200 lm*) @ 3000 K 940 lm (1300 lm*) @ 4000 K
Luminous efficacy	74.2 lm/W @ 3000 K 78 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I



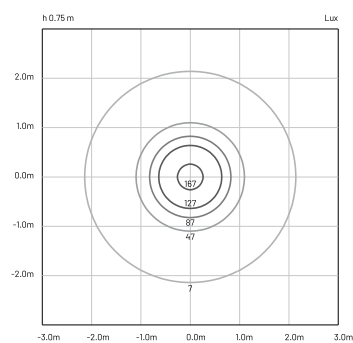
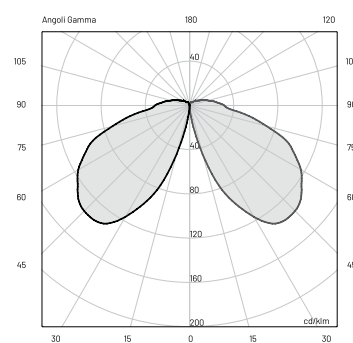
titano_inox | 10W

DIFFUSE




TECHNICAL SPECIFICATIONS

<i>Source lamp</i>	LED 10 W
<i>Total wattage</i>	12 W
<i>Voltage</i>	220-240 Vac, 50-60 Hz
<i>Control</i>	On/Off • dimmable on request
<i>Light colour</i>	3000 K • 4000 K • other colours on request
<i>Luminous flux</i> <i>*Source flux</i>	890 lm (1200 lm*) @ 3000 K 940 lm (1300 lm*) @ 4000 K
<i>Luminous efficacy</i>	74.2 lm/W @ 3000 K 78 lm/W @ 4000 K
<i>McADAM steps</i>	3
<i>Beam</i>	Diffuse
<i>CRI</i>	> 90
<i>Life time</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>Energy efficiency class</i>	A++
<i>IP rating</i>	IP 65
<i>IK rating</i>	IK 08
<i>Insulation class</i>	I



MATERIALS

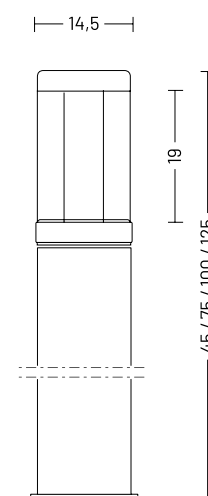
Body	Inox AISI 316L
Diffuser	Extra clear polycarbonate
Finishing	Inox AISI 316L 

ORDER CODE

TI 20 ___ D _ B 10 Z

Light colour	N	4000 K
	H	3000 K
Height	045	45 cm
	075	75 cm
	100	100 cm
	125	125 cm

Example TI 20 045 D H B 10 Z



AVAILABLE ACCESSORIES

Code	Description	Page
00A400.01P	Anchor bolt	485
00A400	Root mounting kit	485
0404M004	Single connection IP68	485
0404M003	Loop-in loop-out IP68	485





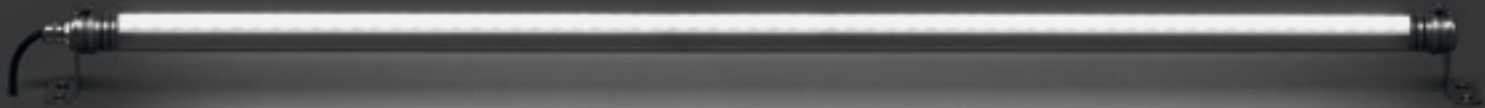
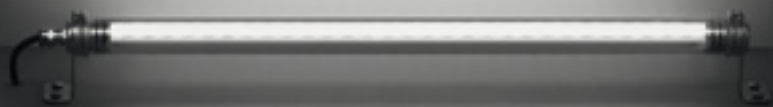


L'illuminazione lineare
Landa.

[The Landa linear lighting.]

tubo

design by Landa R&D



tubo

Tubo è una linea di luce. Fascio luminoso a 180° utile per installazioni outdoor a camminamento - ma anche per soffitto e parete - con particolari esigenze illuminotecniche. Semplicità e purezza formale per un'illuminazione lineare d'eccellenza. Un apparecchio disponibile con potenza 10 W e 20 W e schermo in policarbonato trasparente extra chiaro e diffusore interno opale.

EN *Tubo is a light line. 180° beam of light useful for outdoor walkway installations, but also for ceiling and wall installation, with special lighting requirements. Simplicity and formal purity for linear lighting of excellence. A fixture available with 10 W and 20 W power and extra clear transparent polycarbonate screen and internal opal diffuser.*

CE EAC

TUBO | WALL LAMP > 258
TUBO | CEILING LAMP > 308





tubo

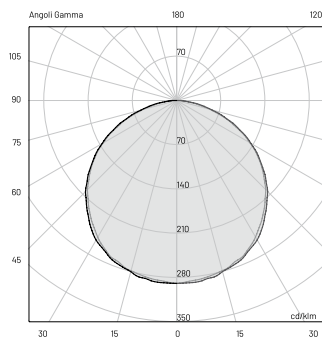
180°

| 10W/20W

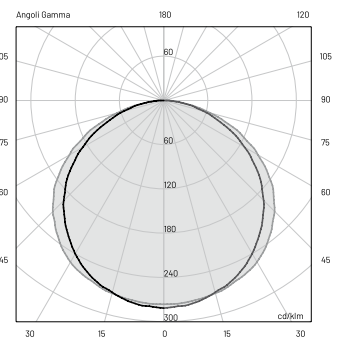


TECHNICAL SPECIFICATIONS

	180° • CLEAR • 10 W	180° • CLEAR • 20 W
Source lamp	LED 10 W	LED 20 W
Total wattage	10 W	20 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included	Power supply not included
Light colour	3000 K • 4000 K	3000 K • 4000 K
Luminous flux *Source flux	906 lm (1050 lm*) @ 3000 K 1040 lm (1200 lm*) @ 4000 K	1812 lm (2100 lm*) @ 3000 K 2080 lm (2400 lm*) @ 4000 K
Luminous efficacy	90 lm/W @ 3000 K 100 lm/W @ 4000 K	90 lm/W @ 3000 K 100 lm/W @ 4000 K
McADAM steps	3	3
Beam	180°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 07	IK 07
Insulation class	III	III




H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	304	384	1.6
2.00	77	87	3.2
3.00	34	39	4.8
4.00	29	22	6.4
5.00	12	14	8.0



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	588	677	1.9
2.00	147	169	3.8
3.00	65	75	5.7
4.00	37	42	7.6
5.00	24	27	9.5

MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Anodized inox 

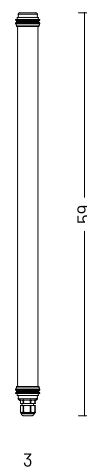
ORDER CODE

TU_0 000 T _ A 7 Z 1

Light colour	N	4000 K
	H	3000 K
Wattage	3	10 W (59 cm)
	6	20 W (109 cm)
Example	TU 3 0 000 T N A 7 Z 1	

10 W

20 W



AVAILABLE ACCESSORIES

Code	Description	Page
0404M011	Single connection IP68	485
0409BT014	Transformer _ 24 Vdc - 12 W	485
0409BT015	Transformer _ 24 Vdc - 25 W	485
00A6001.01	Set stainless steel fixing kit - short	486
00A6001.02	Set stainless steel fixing kit - long	486
00A6001.03	Set stainless steel fixing kit - double	486
00A6001.04	Set stainless steel fixing kit - spike	486
00A6001.05	Set plastic fixing kit	486



tubo

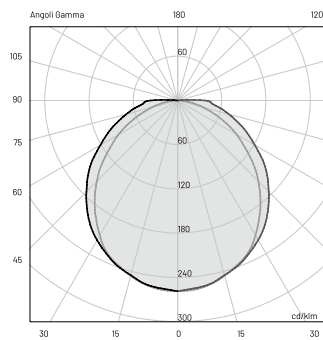
180°

| 10W/20W

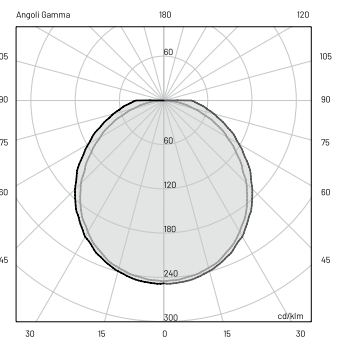


TECHNICAL SPECIFICATIONS

	180° • OPAL • 10 W	180° • OPAL • 20 W
Source lamp	LED 10 W	LED 20 W
Total wattage	10 W	20 W
Voltage	24 Vdc	24 Vdc
Control	Power supply not included	Power supply not included
Light colour	3000 K • 4000 K	3000 K • 4000 K
Luminous flux *Source flux	802 lm (1050 lm*) @ 3000 K 910 lm (1200 lm*) @ 4000 K	1604 lm (2100 lm*) @ 3000 K 1820 lm (2400 lm*) @ 4000 K
Luminous efficacy	80 lm/W @ 3000 K 91 lm/W @ 4000 K	80 lm/W @ 3000 K 91 lm/W @ 4000 K
McADAM steps	3	3
Beam	180°	180°
CRI	> 80	> 80
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++	A++
IP rating	IP 67	IP 67
IK rating	IK 07	IK 07
Insulation class	III	III




H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	272	308	1.2
2.00	68	77	2.5
3.00	30	34	3.7
4.00	17	19	5
5.00	11	12	6.2



H (m)	E (LUX)		Ø (m)
	lux (3000 K)	lux (4000 K)	
1.00	521	595	1.3
2.00	130	148	2.7
3.00	58	66	4.1
4.00	33	37	5.5
5.00	21	24	6.9

MATERIALS

Body	Extruded aluminium EN AW6060
Diffuser	External extra clear polycarbonate Internal opal polycarbonate
Finishing	Anodized inox 

ORDER CODE

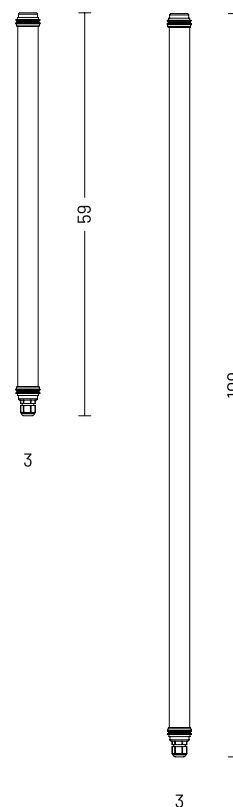
TU_1000 T_A 7 Z 1

Light colour	N	4000 K
	H	3000 K
Wattage	3	10 W
	6	20 W

Example TU 3 1000 T N A 7 Z 1

10 W

20 W



AVAILABLE ACCESSORIES

Code	Description	Page
0404M011	Single connection IP68	485
0409BT014	Transformer _ 24 Vdc - 12 W	485
0409BT015	Transformer _ 24 Vdc - 25 W	485
00A6001.01	Set stainless steel fixing kit - short	486
00A6001.02	Set stainless steel fixing kit - long	486
00A6001.03	Set stainless steel fixing kit - double	486
00A6001.04	Set stainless steel fixing kit - spike	486
00A6001.05	Set plastic fixing kit	486







POLES

Classicità
e tecno-
logia.

[Classicism and technology.]

morphis

design by Innocenzo Rifino & Lorenzo Ruggieri





morphis_1

La forma delle vecchie lanterne, tipiche della tradizione illuminotecnica da esterni per Morphis_1: il classico trasportato nella contemporaneità. Una luce diffusa e uno schermo extra chiaro in policarbonato. Un apparecchio con potenza 29 W ideale per illuminare strade di accesso e vialetti esterni, disponibile con palo in alluminio estruso di differenti altezze e sei possibilità di finitura a polvere.

EN *Morphis_1 has the shape of the old lanterns, typical of the traditional outdoor lighting: a classical design in a contemporary key. A diffused light and an extra clear polycarbonate screen. A 29 W luminaire ideal for illuminating access roads and external paths, available with extruded aluminum pole of different heights and six powder-coated finish options.*

CE EAC

MORPHIS_1 | WALL LAMP > 216
 MORPHIS_2 | WALL LAMP > 222
 MORPHIS_3 | WALL LAMP > 228
 MORPHIS_3 | PENDANT > 320
 MORPHIS_1 | BOLLARD > 386



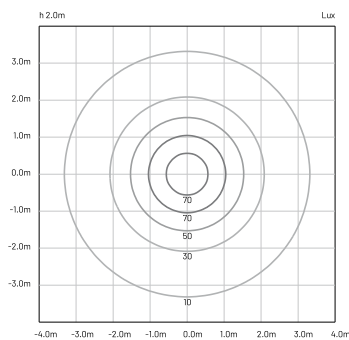
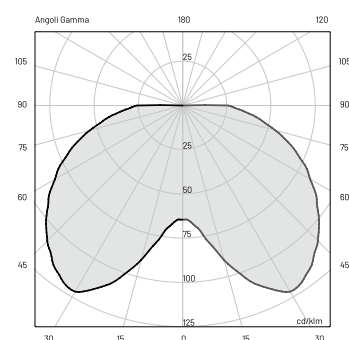


DIFFUSE



TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I









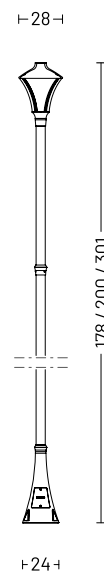
MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

MO 4 0 _ _ _ D _ B 1 0 _

Finishing	G	Black	
	S	Black/copper	
	P	Black/green	
	R	Black/silver	
	L	Graphite	
	V	Oxide	
Light colour	N	4000 K	
	H	3000 K	
Height	180	178 cm	
	200	200 cm	
	300	301 cm	
Example	MO 4 0 180 D N B 1 0 L		



AVAILABLE ACCESSORIES

Code	Description	Page
00A170.01P	Anchor bolt	483
0404M003	Loop-in loop-out IP68	483





morphis_2

Un design ispirato al classico dei classici dell'illuminazione per Morphis_2. Una luce diffusa dotata di schermo in policarbonato trasparente extra chiaro per un testa palo installabile su un'altezza di 330 mm e disponibile in soluzione singola, doppia o tripla. 29 W di potenza e sei possibilità di finitura, per ogni tipologia di abitazione o accesso pubblico esterno.

EN *A design inspired by the classic of classics for Morphis_2. A diffused light with extra clear transparent polycarbonate screen for a pole head that can be installed at a height of 330 cm and available in single, double or triple solution. 29 W power and six finishing options, for any type of home or external public access.*

CE EAC

MORPHIS_1 | WALL LAMP > 216
 MORPHIS_2 | WALL LAMP > 222
 MORPHIS_3 | WALL LAMP > 228
 MORPHIS_3 | PENDANT > 320
 MORPHIS_1 | BOLLARD > 386





morphis_2

1, 2, 3 LAMPS DIFFUSE

| 29W



TECHNICAL SPECIFICATIONS¹

Source lamp	LED 29 W
Total wattage	33 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
Luminous efficacy	48 lm/W @ 3000 K 52 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I

DIFFUSE

LED 29 W

33 W

220-240 Vac, 50-60 Hz

On/Off • dimmable on request

3000 K • 4000 K • other colours on request

1700 lm (3400 lm*) @ 3000 K
1800 lm (3600 lm*) @ 4000 K

48 lm/W @ 3000 K
52 lm/W @ 4000 K

3

Diffuse

> 90

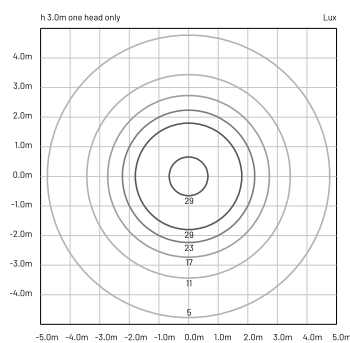
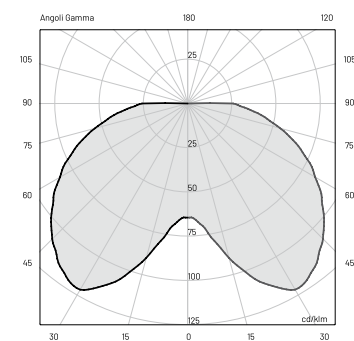
L70 > 50.000 h Ta 25°C
L70 > 50.000 h Ta 40°C

A++

IP 65

IK 08

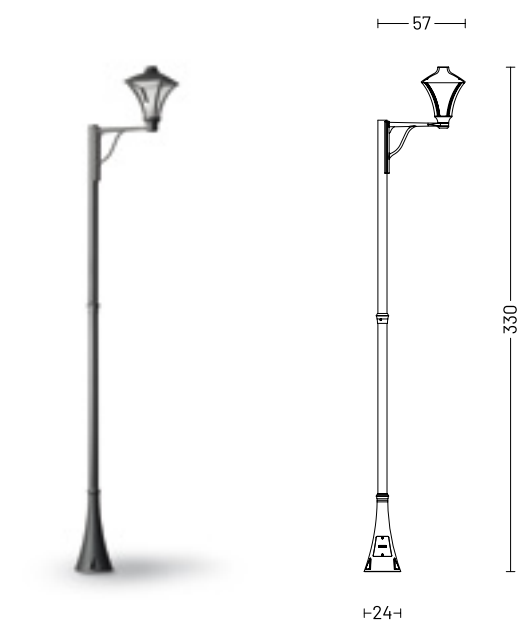
I



¹ all the technical specifications are related to one head only

MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint



ORDER CODE

MO 4 0 _ _ _ D _ B 1 0 _

Finishing	G	Black	●
	S	Black/copper	●
	P	Black/green	●
	R	Black/silver	●
	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Lamp number	PA1	1 lamp	
	PA2	2 lamps	
	PA3	3 lamps	

Example MO 4 0 PA1 D N B 1 0 L



AVAILABLE ACCESSORIES

Code	Description	Page
00A170.01P	Anchor bolt	483
0404M003	Loop-in loop-out IP68	483

morphis_3

Morphis_3 è un perfetto connubio tra classico e contemporaneo. Design tradizionale e tecnologia innovativa: 29 W di potenza, ottica diffusa e policarbonato extra chiaro. Le sei possibilità di finitura, le tre soluzioni di installazione, singola, doppia o tripla su palo da 300 mm, e la resistenza delle componenti costruttive, rendono Morphis_3 un apparecchio forte, versatile e compatibile con ogni tipologia outdoor per il settore residenziale.

EN *Morphis_3 is a perfect combination of classic and contemporary. Traditional design and innovative technology: 29 W power, diffused optics and extra-clear polycarbonate. The six finishing options, the three installation solutions, single, double or triple on 300 cm pole, and the robustness of the construction components make Morphis_3 a strong, versatile luminaire compatible with any outdoor type for the residential sector.*

CE EAC

MORPHIS_1 | WALL LAMP > 216
 MORPHIS_2 | WALL LAMP > 222
 MORPHIS_3 | WALL LAMP > 228
 MORPHIS_3 | PENDANT > 320
 MORPHIS_1 | BOLLARD > 386





morphis_3

1,2,3 LAMPS DIFFUSE

| 29W

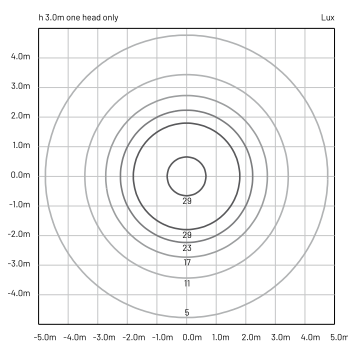
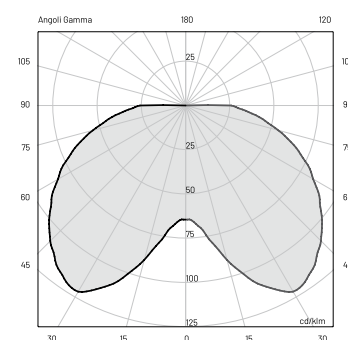


TECHNICAL SPECIFICATIONS¹

<i>Source lamp</i>	LED 29 W
<i>Total wattage</i>	33 W
<i>Voltage</i>	220-240 Vac, 50-60 Hz
<i>Control</i>	On/Off • dimmable on request
<i>Light colour</i>	3000 K • 4000 K • other colours on request
<i>Luminous flux</i> <i>*Source flux</i>	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
<i>Luminous efficacy</i>	48 lm/W @ 3000 K 52 lm/W @ 4000 K
<i>McADAM steps</i>	3
<i>Beam</i>	Diffuse
<i>CRI</i>	> 90
<i>Life time</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>Energy efficiency class</i>	A++
<i>IP rating</i>	IP 65
<i>IK rating</i>	IK 08
<i>Insulation class</i>	I

DIFFUSE

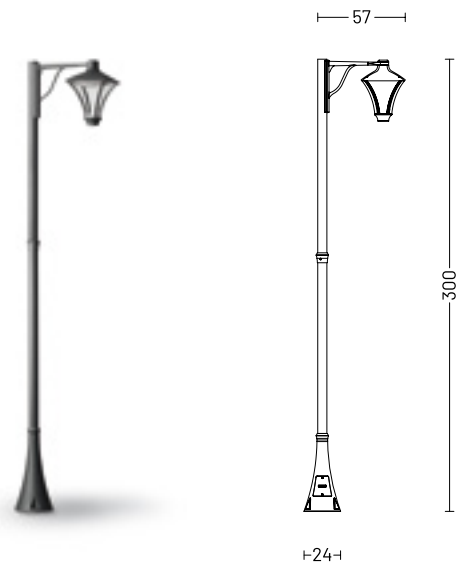
<i>Source lamp</i>	LED 29 W
<i>Total wattage</i>	33 W
<i>Voltage</i>	220-240 Vac, 50-60 Hz
<i>Control</i>	On/Off • dimmable on request
<i>Light colour</i>	3000 K • 4000 K • other colours on request
<i>Luminous flux</i> <i>*Source flux</i>	1700 lm (3400 lm*) @ 3000 K 1800 lm (3600 lm*) @ 4000 K
<i>Luminous efficacy</i>	48 lm/W @ 3000 K 52 lm/W @ 4000 K
<i>McADAM steps</i>	3
<i>Beam</i>	Diffuse
<i>CRI</i>	> 90
<i>Life time</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>Energy efficiency class</i>	A++
<i>IP rating</i>	IP 65
<i>IK rating</i>	IK 08
<i>Insulation class</i>	I



¹ all the technical specifications are related to one head only

MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint



ORDER CODE

M0 4 1 _ _ _ D _ B 1 0 _

Finishing	G	Black	●
	S	Black/copper	●
	P	Black/green	●
	R	Black/silver	●
	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Lamp number	PA1	1 lamp	
	PA2	2 lamps	
	PA3	3 lamps	

Example M0 4 1 PA1 D N B 1 0 L



AVAILABLE ACCESSORIES

Code	Description	Page
00A170.01P	Anchor bolt	483
0404M003	Loop-in loop-out IP68	483





morphis_4

Un'esclusiva e ulteriore variante di gamma per Morphis_4 in cui la lanterna si compatta nel design in favore della discrezione di forma. Un testa palo con ottica diffuse compatto e installabile ad un'altezza di 300 cm in versione singola, doppia o tripla. Morphis_4 è la scelta perfetta per l'illuminazione di giardini, viali di accesso e percorsi esterni di ogni tipologia e progettazione. Le sei finiture a polvere sono a disposizione del progettista per ricoprire ogni specifica esigenza di personalizzazione.

EN *Morphis_4 is an exclusive and additional variant of the range where the lantern has a compact design to favor discretion. A compact pole head with diffuse optics which can be installed at a height of 300 cm in single, double or triple version. Morphis_4 is the perfect solution for lighting gardens, access roads and outdoor paths of all types and designs. Six powder finishes are available to the designer to meet any specific need for customization.*

CE EAC

MORPHIS_4 | WALL LAMP > 232
 MORPHIS_4 | CEILING LAMP > 302
 MORPHIS_4 | PENDANT > 326





morphis_4

1,2,3 LAMPS DIFFUSE

| 29W



TECHNICAL SPECIFICATIONS¹

<i>Source lamp</i>	LED 29 W
<i>Total wattage</i>	33 W
<i>Voltage</i>	220-240 Vac, 50-60 Hz
<i>Control</i>	On/Off • dimmable on request
<i>Light colour</i>	3000 K • 4000 K • other colours on request
<i>Luminous flux</i> <i>*Source flux</i>	1550 lm (3400 lm*) @ 3000 K 1650 lm (3600 lm*) @ 4000 K
<i>Luminous efficacy</i>	44 lm/W @ 3000 K 47 lm/W @ 4000 K
<i>McADAM steps</i>	3
<i>Beam</i>	Diffuse
<i>CRI</i>	> 90
<i>Life time</i>	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
<i>Energy efficiency class</i>	A++
<i>IP rating</i>	IP 65
<i>IK rating</i>	IK 08
<i>Insulation class</i>	I

DIFFUSE

LED 29 W

33 W

220-240 Vac, 50-60 Hz

On/Off • dimmable on request

3000 K • 4000 K • other colours on request

1550 lm (3400 lm*) @ 3000 K

1650 lm (3600 lm*) @ 4000 K

44 lm/W @ 3000 K

47 lm/W @ 4000 K

3

Diffuse

> 90

L70 > 50.000 h Ta 25°C

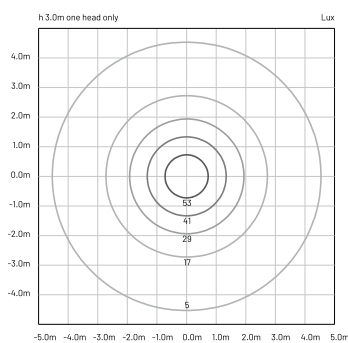
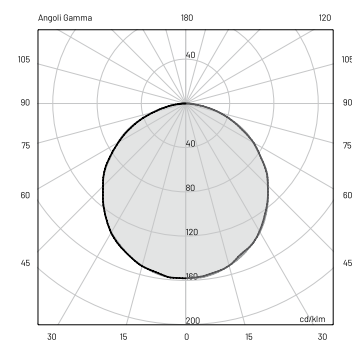
L70 > 50.000 h Ta 40°C

A++

IP 65

IK 08

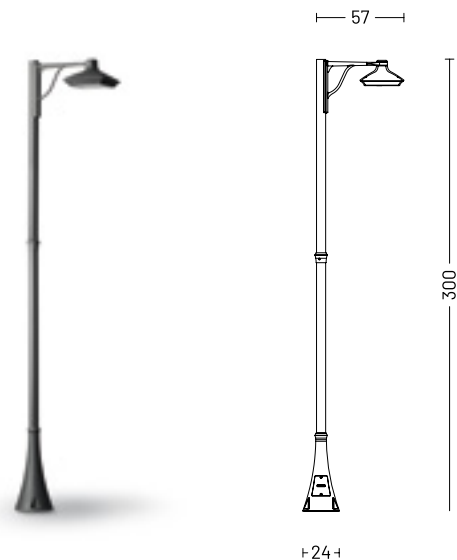
I



¹ all the technical specifications are related to one head only

MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Opal polycarbonate
Finishing	Polyester powder paint

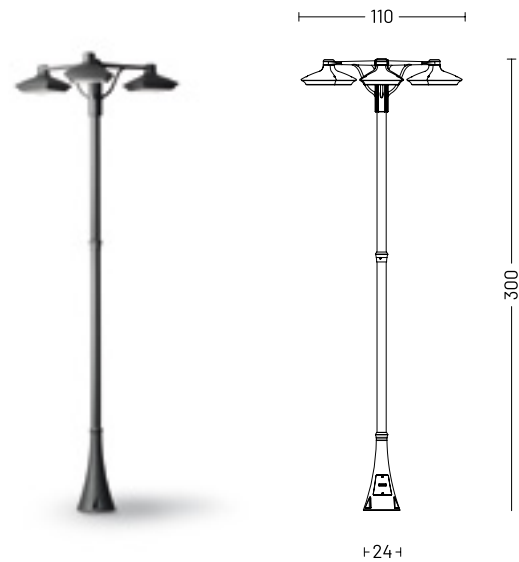


ORDER CODE

MO 4 2 _ _ _ D _ B 1 0 _

Finishing	G	Black	●
	S	Black/copper	●
	P	Black/green	●
	R	Black/silver	●
	L	Graphite	●
	V	Oxide	●
Light colour	N	4000 K	
	H	3000 K	
Lamp number	PA1	1 lamp	
	PA2	2 lamps	
	PA3	3 lamps	

Example MO 4 2 PA1 D N B 1 0 L



AVAILABLE ACCESSORIES

Code	Description	Page
00A170.01P	Anchor bolt	483
0404M003	Loop-in loop-out IP68	483





Funzionalità,
sintesi di luce
e forma.

[Functionality,
synthesis of light
and shape.]

polos

design by Landa R&D



polos

Polos è il prodotto ideale per l'illuminazione di spazi esterni pubblici e privati. Un palo dall'estetica minimale ed essenziale, una sintesi di luce e forma. Il corpo è in alluminio estruso e raggiunge un'altezza di 240 mm, disponibile con finiture a polvere color graphite, light grey e oxide. 14 W di potenza e schermo in policarbonato trasparente per una luce diffusa e mai invasiva. Funzionale, essenziale, Polos è ottimo e resistente anche in ambientazioni outdoor particolarmente estreme.

EN Polos is the ideal product for illuminating public and private outdoor spaces. A pole characterized by minimal and essential aesthetics, a synthesis of light and shape. The body is made of extruded aluminum and reaches a height of 240 mm, available with graphite, light grey and oxide powder finishes. 14 W power and transparent polycarbonate screen for a diffused and never invasive light. Functional and essential, Polos is excellent and resistant even in highly extreme outdoor environments.

CE EAC

POLOS | WALL LAMP > 248
POLOS | BOLLARD > 412

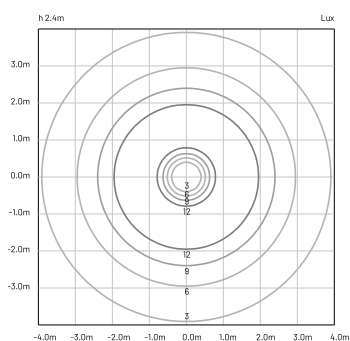
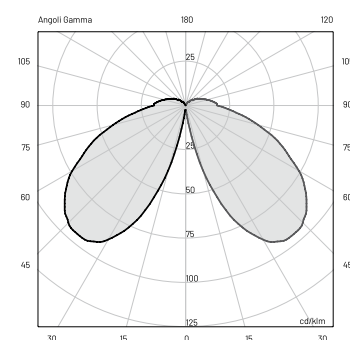






TECHNICAL SPECIFICATIONS

	DIFFUSE
Source lamp	LED 14 W
Total wattage	16 W
Voltage	220-240 Vac, 50-60 Hz
Control	On/Off • dimmable on request
Light colour	3000 K • 4000 K • other colours on request
Luminous flux *Source flux	680 lm (1560 lm*) @ 3000 K 750 lm (1700 lm*) @ 4000 K
Luminous efficacy	42.5 lm/W @ 3000 K 47 lm/W @ 4000 K
McADAM steps	3
Beam	Diffuse
CRI	> 90
Life time	L70 > 50.000 h Ta 25°C L70 > 50.000 h Ta 40°C
Energy efficiency class	A++
IP rating	IP 65
IK rating	IK 08
Insulation class	I






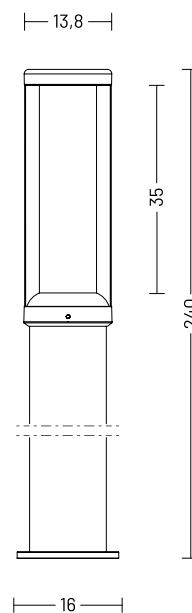
MATERIALS

Body	Die-cast aluminium EN47100 and extruded aluminium EN AW6060
Diffuser	Extra clear polycarbonate
Finishing	Polyester powder paint

ORDER CODE

PO 3 0 240 D _ B 10 _

Finishing	L	Graphite	
	M	Light grey	
	V	Oxide	
Light colour	N	4000 K	
	H	3000 K	
Example	PO 3 0 240 D N B 10 L		



AVAILABLE ACCESSORIES

Code	Description	Page
00A405.01P	Anchor bolt	484
00A405	Root mounting kit	484
0404M004	Single connection IP68	484
0404M003	Loop-in loop-out IP68	485







ACCESSORIES

accessories

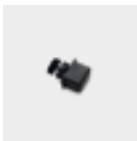


BY PRODUCT

	<i>code</i>	<i>description</i>	<i>note</i>
BEAM WALL LAMP			
	0404M004	Single connection IP68	
BRICK LIGHT WALL RECESSED			
	-	Housing box	
BRICK LIGHT_AS WALL RECESSED			
	-	Housing box	
KUBS BOLLARD			
	00A404.01P	Anchor bolt	
	0404M003	Loop-in loop-out IP68	From 35 cm height
LAKO BOLLARD			
	00A409	Root mounting kit	

LYRAS 35 | PROJECTOR

<i>code</i>	<i>description</i>	<i>note</i>
	00A469 Mounting spike	
0404M009	Single connection IP68	
0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 4 devices
0409BT015	Transformer _ 24 Vdc - 25 W	Connect up to 8 devices
	0409BT016 Transformer _ 24 Vdc - 100 W	Connect up to 30 devices

LYRAS 45 | PROJECTOR

00A469	Mounting spike	
	0404M009 Single connection IP68	
	0409BT014 Transformer _ 24 Vdc - 12 W	Connect up to 4 devices
	0409BT015 Transformer _ 24 Vdc - 25 W	Connect up to 8 devices

[continue >](#)

accessories

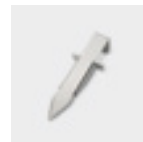
BY PRODUCT

<i>code</i>	<i>description</i>	<i>note</i>
0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 30 devices

LYRAS 65 • 24 Vdc | CEILING LAMP

0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 1 device
0409BT015	Transformer _ 24 Vdc - 24 W	Connect up to 3 devices
0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 12 devices

LYRAS 65 • 24 Vdc | PROJECTOR



00A469 Mounting spike



0404M009 Single connection IP68



0409BT014 Transformer _ 24 Vdc - 12 W Connect up to 1 device

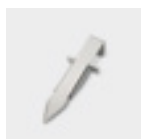


0409BT015 Transformer _ 24 Vdc - 25 W Connect up to 3 devices

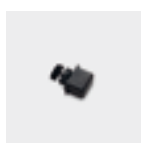


0409BT016 Transformer _ 24 Vdc - 100 W Connect up to 12 devices

<i>code</i>	<i>description</i>	<i>note</i>
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LYRAS 65 • 220-240 Vac | PROJECTOR

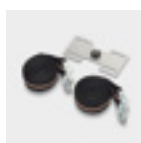
00A469	Mounting spike
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0404M009	Single connection IP68
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LYRAS 160 | PROJECTOR

00A4641.01	Joint for pole Ø 60 mm
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00A4641.02	Tree rope
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00A4641.03	Mounting spike
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0404M003	Loop-in loop-out IP68
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0404M004	Single connection IP68
-----------------	------------------------


accessories

BY PRODUCT




	<i>code</i>	<i>description</i>	<i>note</i>
MIRA 45 LT FLOOR RECESSED • WALL RECESSED			
	0404M009	Single connection IP68	Only for floor recessed
	0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 4 devices
	0409BT015	Transformer _ 24 Vdc - 25 W	Connect up to 8 devices
	0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 30 devices
	-	Housing box	

MIRA 45 • 24 Vdc | FLOOR RECESSED



	0404M009	Single connection IP68	
	0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 4 devices
	0409BT015	Transformer _ 24 Vdc - 25 W	Connect up to 8 devices
	0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 30 devices

	<i>code</i>	<i>description</i>	<i>note</i>
	-	Housing box	

MIRA 65 • 24 Vdc | FLOOR RECESSED


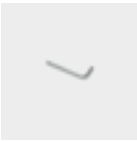



	0404M009	Single connection IP68	
	0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 1 device
	0409BT015	Transformer _ 24 Vdc - 25 W	Connect up to 3 devices
	0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 12 devices
	-	Housing box	

MIRA 65 • 220-240 Vac | FLOOR RECESSED




	0404M009	Single connection IP68	
	-	Housing box	




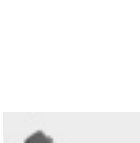
accessories

BY PRODUCT


	<i>code</i>	<i>description</i>	<i>note</i>
MIRA 150 FLOOR RECESSED			
	00KAV01	Set antivandalism screws	
	0303CA2.5	Tool for antivandalism screws	
	0404M004	Single connection IP68	
	0404M003	Loop-in loop-out IP68	
	0201007V0200	Sandblasted glass	
	-	Housing box	

MIRA 220 | FLOOR RECESSED



	00KAV04	Set antivandalism screws	
	0303CA3	Tool for antivandalism screws	
	0404M004	Single connection IP68	

	<i>code</i>	<i>description</i>	<i>note</i>
	0404M003	Loop-in loop-out IP68	
	0201001V0200	Sandblasted glass	
	0201001V0400	Non-slip glass	
	-	Housing box	

MORPHIS | WALL LAMP






	00596	Corner bracket	
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MORPHIS | BOLLARD • POLE

	00A170.01P	Anchor bolt	
	0404M003	Loop-in loop-out IP68	




accessories

BY PRODUCT




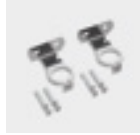
	<i>code</i>	<i>description</i>	<i>note</i>
NEWAY BOLLARD			
	00A405.01P	Anchor bolt	
	00A405	Root mounting kit	
	0404M003	Loop-in loop-out IP68	
OKO BOLLARD			
	00A406.01P	Anchor bolt	
	0404M003	Loop-in loop-out IP68	
POLOS BOLLARD • POLE			
	00A405.01P	Anchor bolt	
	00A405	Root mounting kit	
	0404M004	Single connection IP68	

	<i>code</i>	<i>description</i>	<i>note</i>
	0404M003	Loop-in loop-out IP68	

TITANO | BOLLARD

	00A400.01P	Anchor bolt	
	00A400	Root mounting kit	
	0404M004	Single connection IP68	
	0404M003	Loop-in loop-out IP68	





TUBO | WALL LAMPS • CEILING LAMP • BOLLARD

	0404M011	Single connection IP68	
	0409BT014	Transformer _ 24 Vdc - 12 W	
	0409BT015	Transformer _ 24 Vdc - 25 W	
	00A6001.01	Set stainless steel fixing kit - short	





[continue >](#)





accessories

BY PRODUCT

	<i>code</i>	<i>description</i>	<i>note</i>
	00A6001.02	Set stainless steel fixing kit - long	
	00A6001.03	Set stainless steel fixing kit - double	
	00A6001.04	Set stainless steel fixing kit - spike	Only for bollard
	00A6001.05	Set plastic fixing kit	

WALL MIRA 45 | WALL RECESSED

	0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 4 devices
	0409BT015	Transformer _ 24 Vdc - 25 W	Connect up to 8 devices
	0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 30 devices
	-	Housing box	

	<i>code</i>	<i>description</i>	<i>note</i>
WALL MIRA 65 WALL RECESSED			
	0409BT014	Transformer _ 24 Vdc - 12 W	Connect up to 1 device
	0409BT015	Transformer _ 24 Vdc - 25 W	Connect up to 3 devices
	0409BT016	Transformer _ 24 Vdc - 100 W	Connect up to 12 devices
	-	Housing box	

INFORMATION

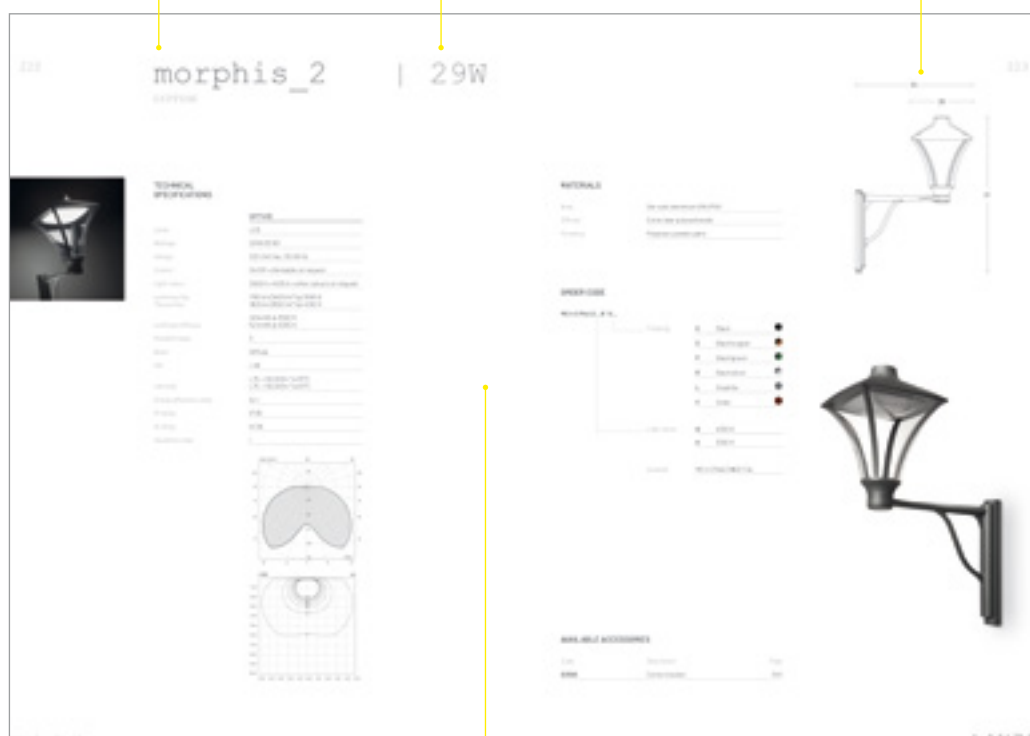
how to read the catalogue



nome prodotto
product name

potenza
wattage

disegno quotato in cm
drawing quoted in cm



informazioni tecniche
technical information

family abacus

	<i>floor recessed</i>	<i>wall recessed</i>	<i>wall lamps</i>	<i>ceiling lamps</i>	<i>pendants</i>	<i>projectors</i>	<i>bollards</i>	<i>poles</i>
beam			•					
brick light		•						
kami			•	•				
kubs			•				•	
lako			•				•	
lyras			•	•		•		
mira 45 LT	•	•						
mira	•							
morphis			•	•	•		•	•
neway							•	
oko			•				•	
polos			•				•	•
titano							•	
tubo			•	•			•	
wall mira		•						

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BY NAME

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		216, 386, 444	morphis_1
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102	brick light_as		
			n
	k		
		394	neway
164, 270	kami		
174, 366	kubs		o
	l		
		240, 402	oko
186, 378	lako		p
334	lyras 35		
338	lyras 45		
278, 344	lyras 65	248, 412, 468	polos
194, 288	lyras 80		
204, 294	lyras 130		t
352	lyras 160		
		422	titano
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48	mira 45		
58	mira 65	118	wall mira 45
74	mira 150	128	wall mira 65
80	mira 220		

general information

GRADO DI PROTEZIONE PROTECTION GRADE

IP 65

Apparecchio stagno alla polvere e protetto da getti di acqua
Luminaire dust-tight and protected against water jets

IP 66

Apparecchio stagno alla polvere e protetto dalle onde
Luminaire dust-tight and protected against powerful water jets

IP 67

Apparecchio stagno alla polvere e all'immersione temporanea
Luminaire dust-tight and sealed against temporary immersion

RESISTENZA AGLI URTI RESISTANCE TO CRASHES

IK 04

Apparecchio protetto contro un'energia d'impatto di 0.5 Joule
Luminaire protected against an impact energy of 0.5 Joule

IK 06

Apparecchio protetto contro un'energia d'impatto di 1 Joule
Luminaire protected against an impact energy of 1 Joule

IK 07

Apparecchio protetto contro un'energia d'impatto di 2 Joules
Luminaire protected against an impact energy of 2 Joules

IK 08

Apparecchio protetto contro un'energia d'impatto di 5 Joule
Luminaire protected against an impact energy of 5 Joules

IK 10

Apparecchio protetto contro un'energia d'impatto di 20 Joule
Luminaire protected against an impact energy of 20 Joules

CLASSE DI ISOLAMENTO INSULATION CLASS

CLASS I

Apparecchio dotato di isolamento di base. Protezione: collegamento delle parti metalliche accessibili alla terra di protezione.
Luminaire with basic insulation. Protection: connection of the accessible metal parts to the earthing protection.

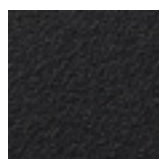
CLASS II

Apparecchio dotato di doppio isolamento. Protezione: mediante isolamento supplementare.
Luminaire with double insulation. Protection: through additional insulation.

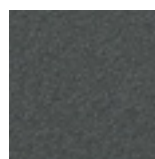
CLASS III

Apparecchio idoneo per alimentazione a bassissima tensione di sicurezza. Protezione: intrinsecamente sicuro. Le parti che portano corrente possono essere accessibili.
Luminaire suitable for supply at safety extra low voltage. Protection: intrinsically safe. The live parts can be accessed.

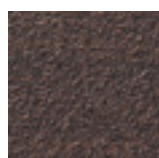
PITTURA CON POLVERI DI POLIESTERE
POLYESTER POWDER PAINT



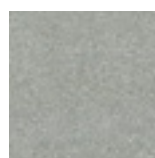
G Nero
Black



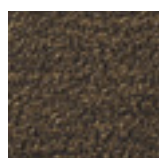
L Grafite
Graphite



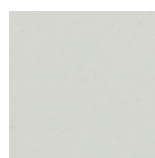
S Nero/rame
Black/copper



M Grigio chiaro
Light grey



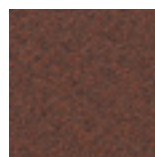
T Nero/oro
Black/gold



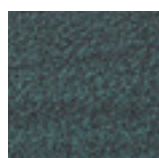
U Bianco
White



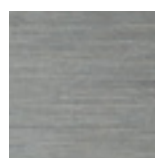
R Nero/argento
Black/silver



V Oxide
Oxide

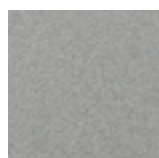


P Nero/verde
Black/green

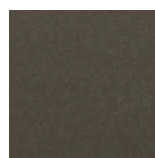


Z Inox AISI 316L
Inox AISI 316L

ANODIZZATO
ANODIZED



1 Inox
Inox



2 Bronzo
Bronze

symbols

EMISSIONE SUPERSPOT
SUPERSPOT BEAM



EMISSIONE SPOT
SPOT BEAM



EMISSIONE MEDIUM
MEDIUM BEAM



EMISSIONE FLOOD
FLOOD BEAM



EMISSIONE WIDE FLOOD
WIDE FLOOD BEAM



EMISSIONE DIFFUSA
DIFFUSE BEAM



EMISSIONE ASSIMMETRICA
ASYMMETRIC BEAM



EMISSIONE DOPPIA SPOT
DOUBLE SPOT BEAM



EMISSIONE DOPPIA MEDIUM
DOUBLE MEDIUM BEAM



EMISSIONE DOPPIA WIDE FLOOD
DOUBLE WIDE FLOOD BEAM



EMISSIONE DOPPIA DIFFUSA
DOUBLE DIFFUSE BEAM



EMISSIONE DOPPIA ASIMMETRICA
DOUBLE ASYMMETRIC BEAM



EMISSIONE DOPPIA SPOT/WIDE FLOOD
DOUBLE SPOT/WIDE FLOOD BEAM



EMISSIONE 360°
360° BEAM



EMISSIONE 180°
180° BEAM



EMISSIONE 120°
120° BEAM



EMISSIONE DOPPIA 120°
DOUBLE 120° BEAM



EMISSIONE TRIPLA
TRIPLE BEAM



EMISSIONE QUADRUPLA
QUADRUPLE BEAM



APPARECCHIO ORIENTABILE
ADJUSTABLE LUMINAIRE



APPARECCHIO RUOTABILE SULL'ASSE VERTICALE
LUMINAIRE THAT CAN BE ROTATED ON THE VERTICAL AXIS



APPARECCHIO INCLINABILE SULL'ASSE ORIZZONTALE
LUMINAIRE THAT CAN BE TILTED ON THE HORIZONTAL AXIS



APPARECCHIO CARRABILE
DRIVE-ON LUMINAIRE



APPARECCHIO DOTATO DI WATER STOP TECHNOLOGY
LUMINAIRE WITH WATER STOP TECHNOLOGY



quality certifications

CE**CE**

Indica che il prodotto è certificato secondo le norme europee
Indicates that the product is certified according to European standards

EAC**EAC**

Indica che il prodotto si adegua a tutte le normative tecniche delle procedure di valutazione dell'Unione doganale eurasiatica
Indicates that the product conforms to all technical regulations of the evaluation procedures of the Eurasian Customs Union

terms & conditions

GENERAL

*Buyer means the person, firm or company who purchases Goods from the company.
Company means Landa Illuminotecnica S.p.A., via Rosmini 13/15, 25065 Lumezzane (BS), Italy.
Contract means the Contract between the Buyer and the Company for the sale and purchase of Goods.
Goods means the Goods which the Company is to supply in accordance with these conditions.*

BASIC OF SALE

The Company shall sell and the Buyer shall purchase the Goods in accordance with these conditions, which shall govern the Contract to the exclusion of any other terms and conditions which the Buyer purports to apply under any purchase order, confirmation order, specification or other document.

No variation to these conditions shall be binding unless agreed in writing by the Company.

Any typographical, clerical or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Company shall be subject to correction without liability on the part of the Company.

Goods supplied may vary in detail from illustrations, drawings, measurements and descriptions set out in the Company sales literature, which are approximate and for guidance only and will not form part of the Contract. Colour finishes will be maintained as accurately as possible but matching cannot be guaranteed. All terminology used in the Company's sales literature is subject to these conditions.

ORDERS

No order submitted by the Buyer shall be deemed to be accepted by the Company unless and until confirmed in writing by the Company. The Buyer shall be responsible to the Company for ensuring the accuracy of the terms of any order submitted by the Buyer, and for giving the Company any necessary information relating to the Goods within a sufficient time to enable the Company to perform the Contract in accordance with its terms.

No Goods may be returned to the Company without the Company's prior written consent and must be returned in their original packaging to ensure no damage is sustained during transit. The Buyer shall be liable for the cost of returning the Goods and for any damage to the Goods prior to receipt by the Company of such returned Goods.

PRICE OF GOODS

The price of the Goods shall be the price listed in the Company's published price list in EURO currency.

Unless otherwise agreed in writing between the Buyer and the Company, all prices are given by the Company on an ex-works basis, and where the Company agrees to deliver the Goods otherwise than at the Company's premises. The Buyer shall be liable to pay the Company's charges for transport.

WARRANTIES

Outdoor lighting fixtures are guaranteed against defects in material or workmanship for a period of two years following the date of delivery ex-works.

No warranty is granted in connection with faults resulting from improper use, application, normal wear and tear, external influences or use of non-original replacement parts, damage resulting from transportation.

The Company recommends that the installation of outdoor lighting fixtures is made by a skilful person and that the enclosed assembly instructions are followed and kept for further future maintenance.

The Company will not assume responsibility for corrosion or other resulting damage to the Goods where they are installed in areas in which fertilizer or salt are present, either in the air or in the soil or where Goods are installed near to chemical plants etc with emissions of heavily polluted air.

The Buyer undertakes to inform his customers about the regular maintenance of the products. In particular for the products in stainless steel AISI 316, by means of the technical sheets included in his catalogue, the distributor will inform his customer regarding the specific products (among which also those available from the Company aimed to remove possible colour spots) liable to keep the features of the products unaltered. Claims should be promptly submitted in a written form to the Company together with copy of the purchase invoice and stating the delivery date, description of the faults and quantity of faulty products. Products that are proved to be defective in material or workmanship will be repaired, replaced by the Company within a reasonable period after the claim.

Returns of faulty Goods will be accepted by the Company only upon written authorization, adequately despatched and packed with transport prepaid. Extra costs borne by the Buyer in consequence of the faults of the products will not be carried by the Company, if not previously agreed in written form.

*The Company will not assume any responsibility in the following cases:
improper assembly, use or maintenance of the products and their incorrect conservation.*

This guarantee shall not apply to products that have been altered, improperly used or installed or repaired without prior written authorization from the Company. If quality and performance have become less due to the application of accessories not approved by the Company. This guarantee deletes and replaces any other further responsibility arisen from the products supplied; in particular the Buyer shall have no right to claim for damages reimbursement (indirect or consequent damages included or profit losses) reduction of prices or resolution of the Contract.

LANDA®

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Concept & Graphic Design: ASBORSONI
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