

Polo Lighting Product Catalogue

2017

LIGHTING SOLUTIONS

POLO

lighting **solutions**

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Polo Lighting Product Catalogue

2017

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POLO
lighting solutions



Polo Lighting

Lighting systems for energy savings

POLO Lighting Solutions is a brand owned by **Nplus S.r.l.**

Nplus S.r.l. emerged from the dream of a group of young Italian entrepreneurs to create a single point of reference for energy saving needs and the rational use of energy in the industrial, commercial, residential and services sectors.

The project combines the group members' lengthy technical experience in the domestic and plant engineering fields with a vision of the future with regards energy savings.

The work areas range from the requalification of public and private lighting systems to the support and development of tailor-made lighting solutions for special applications in the domestic and industrial fields. We have a marked leaning towards R&D, with the aim of creating optimised products on the basis of the design requests. The company can also work alongside recognised partners such as Energy Service Company.

price): this was the thinking behind **POLO Lighting Solutions**, a range of lighting products to suit all the requirements of the market.

We concentrated on the lighting systems of the industrial sector and large-scale commerce (shopping centres, supermarkets, hotels), with a special focus on the development of high performance LED elements to replace the obsolete existing lamps. Within this sphere, our items are the result of our own design and development, with a constant search for the best semi-finished products on the market.

The lighting sector: R&D

Right from the start, we've always believed in the requalification of existing lighting systems with the aid of LED technology (now well-established and fully reliable, but also highly competitive in terms of



Lighting system requalification and certified energy savings

Investment in lighting system requalification

In the case of an existing industrial lighting system using conventional lamps, requalification with **POLO Lighting Solutions** products is extremely advantageous for the investor: average return times on the investment are between 2 and 4 years for a 'turnkey' intervention including removal, supply and installation, depending on the working days and work shifts of the plant.

A product quality guarantee

The entire production chain is constantly monitored by our technicians: **POLO Lighting Solutions** products undergo a thorough test cycle. Stress tests are carried out on supply samples, and there is also a 72-hour test run with on/off and operating cycles. The safety level of **POLO Lighting Solutions** products allows us to extend the warranty to 5 years.

Certified energy savings

Our customers' full satisfaction is our number one priority. That's why, at the customer's request (at no extra cost, but depending on the overall conditions),

we can install certified meters on the main lighting system panels prior to the requalification: this monitoring intervention clarifies the energy saving that can be obtained, and helps us identify (alongside the customer) further solutions for optimising the use of the lighting system.

Once the work has been completed, the ESM (Energy Saving Monitoring) system provides regular reports to illustrate the effective results in terms of real figures; with **POLO Lighting Solutions**, savings are monitored and certified.

Production facilities

POLO Lighting Solutions has established its HQ in the **BIC (Business Innovation Centre)** in Rovereto (Trento), with a production area of about 1000 sq.m. and with offices for administration, design and technical support staff.

The **Mechatronics Pole** offers specific insertion tools for companies, workers and researchers in the mechatronics field, with a particular focus on industry 4.0. The principles of interoperability, virtualisation, decentralisation, capability, service orientation and modularisation are developed

with specific projects supported by the leading European laboratories. One that particularly stands out is **Prom Facility**, which offers the companies based here an integrated platform for the design and 3D prototyping of precision mechanical components and electronic parts.



Foto: KLR

Nplus Group

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NPLUS GROUP

POLO Lighting Solutions is a subsidiary of **Nplus S.r.l.**

Nplus S.r.l. is a company that combines the enthusiasm, energy and innovative approach of a group of young entrepreneurs with the long experience of its work team.

Add to that the strength of **Giordano Riello International Group (GRIG)** - one of the most important Italian industrial groups encompassing Aermec, Sierra, Fast, RPM and Elettrotest, with an annual turnover of more than 400 million Euros.



Key

Certification						
Optic characteristics						
Protection class						
Shock resistance						
Angle						
Glow wire resistance						
Installation places						
Dimming						
Special characteristics						

Luhnos range

LED FLOODLIGHTS



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Lighting characteristics

The floodlights of the **Luhnos** range are designed for indoor and outdoor areas. Despite the relatively small size of the body, the large high bay guarantees high efficiency and a wide lighting angle.

The lamp is fitted with protective, watertight, shock-proof glass, so it can be installed on the ground.

Physical/mechanical characteristics

The lamp is made entirely of die-cast aluminium, and is particularly robust.

Considerable attention has been paid to overheating control. The high bay is made of moulded prismatic aluminium. The external driver is housed in an anodised aluminium case designed to minimise heat exposure and ensure a long lifespan.

Electrical characteristics

Electronic wiring, 85/265V-50/60Hz.

Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Equipment supplied

This model is supplied with an adjustable bracket fixing system.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006).

International Protection Class IP65. Shock Protection IK08 (EN 60529).

Can be installed on normally inflammable surfaces.

Applications

The **Luhnos** industrial high bays are ideal for lighting large indoor areas: department stores, industrial and commercial warehouses, production sites, gyms, and many other contexts.

The anti-corrosion characteristics of the body make it suitable for installation in places where there may be chlorine gas, ligroin, hydrocarbon mixtures, faint mineral oil vapours and lubricant emulsions.

This type of lighting body can be installed outdoors and, thanks to its notable power level, it's ideal for lighting towers that illuminate large open areas: stadiums, large town squares, logistic platforms, airports.

On request

Different colour temperatures. Electronic wiring that can be dimmed 0-10V/DALI.

Luhnos

LED FLOODLIGHTS



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INDUSTRIAL FLOODLIGHTS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

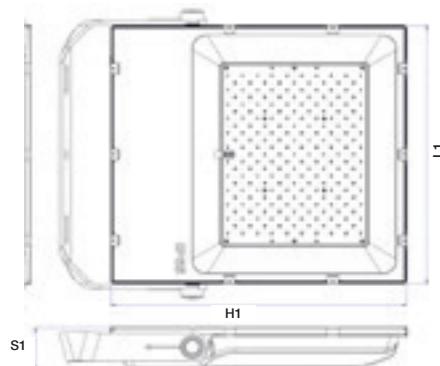
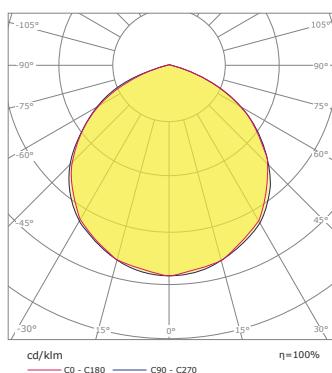
Accessories

Dimming 0-10V/DALI (sub-code D)

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN60598-1, EN 62262:2002, EN 12464-1

	30W	50W	80W	100W	150W	200W
S1 [mm]	40	47	49	53	53	60
L1 [mm]	167	220	245	295	330	360
H1 [mm]	200	265	300	345	365	400



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



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Luhnos

LED FLOODLIGHTS



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INDUSTRIAL FLOODLIGHTS

CODE	POWER [W]	COLOR [K]	EFFICIENCY [lm/W]
LH030927812	30	2700	90
LH030945812	30	4500	90
LH030965812	30	6500	90
LH050927812	50	2700	90
LH050945812	50	4500	90
LH050965812	50	6500	90
LH080927812	80	2700	90
LH080945812	80	4500	90
LH080965812	80	6500	90
LH100927812	100	2700	90
LH100945812	100	4500	90
LH100965812	100	6500	90
LH150927812	150	2700	90
LH150945812	150	4500	90
LH150965812	150	6500	90
LH200927812	200	2700	90
LH200945812	200	4500	90
LH200965812	200	6500	90

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Luhnos range

LED FLOODLIGHTS

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INDUSTRIAL FLOODLIGHTS

Luhnos

PRODUCT	CODE	EURO
Luhnos 30W Warm	LH030927812	€ 66,49
Luhnos 30W Neutral	LH030945812	€ 66,49
Luhnos 30W Cool	LH030965812	€ 66,49
Luhnos 50W Warm	LH050927812	€ 95,24
Luhnos 50W Neutral	LH050945812	€ 95,24
Luhnos 50W Cool	LH050965812	€ 95,24
Luhnos 80W Warm	LH080927812	€ 141,96
Luhnos 80W Neutral	LH080945812	€ 141,96
Luhnos 80W Cool	LH080965812	€ 141,96
Luhnos 100W Warm	LH100927812	€ 165,32
Luhnos 100W Neutral	LH100945812	€ 165,32
Luhnos 100W Cool	LH100965812	€ 165,32
Luhnos 150W Warm	LH150927812	€ 283,92
Luhnos 150W Neutral	LH150945812	€ 283,92
Luhnos 150W Cool	LH150965812	€ 283,92
Luhnos 200W Warm	LH200927812	€ 398,92
Luhnos 200W Neutral	LH200945812	€ 398,92
Luhnos 200W Cool	LH200965812	€ 398,92

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	PRODUCT CODE	EURO
Luhnos 150W Warm Dimm	LH150927812D	€ 319,86
Luhnos 150W Neutral Dimm	LH150945812D	€ 319,86
Luhnos 150W Cool Dimm	LH150965812D	€ 319,86
Luhnos 200W Warm Dimm	LH200927812D	€ 434,86
Luhnos 200W Neutral Dimm	LH200945812D	€ 434,86
Luhnos 200W Cool Dimm	LH200965812D	€ 434,86

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Luhnos Plus range

LED FLOODLIGHTS



Lighting characteristics

The floodlights of the **Luhnos Plus** range are designed for indoor and outdoor areas. Despite the relatively small size of the body, the large high bay guarantees high efficiency and a wide lighting angle.

The lamp is fitted with protective, watertight, shock-proof glass, so it can be installed on the ground and used for special applications too.

Physical/mechanical characteristics

The lamp is made entirely of die-cast aluminium, and is particularly robust.

Considerable attention has been paid to overheating control, fitting the body with a large heatsink in finned aluminium to greatly boost its capacity; this characteristic, combined with the use of *heat pipe* technology for continuous heat transfer even with high operating temperatures, maximises the level of efficiency and the lifespan.

The high bay is made of moulded prismatic aluminium. The external driver is housed in an anodised aluminium case designed to minimise heat exposure and ensure a long lifespan.

Electrical characteristics

Electronic wiring, 85/265V-50/60Hz.

Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Equipment supplied

This model is supplied with an adjustable bracket fixing system.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-

4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP65. Shock Protection IK08 (EN 60529).

Can be installed on normally inflammable surfaces.

Applications

The **Luhnos** industrial high bays are ideal for lighting large indoor areas: department stores, industrial and commercial warehouses, production sites, gyms, and many other contexts.

The anti-corrosion characteristics of the body make it suitable for installation in places where there may be chlorine gas, ligroin, hydrocarbon mixtures, faint mineral oil vapours and lubricant emulsions.

This type of lighting body can be installed outdoors and, thanks to its notable power level, it's ideal for lighting towers that illuminate large open areas: stadiums, large town squares, logistic platforms, airports

On request

Different colour temperatures.

Electronic wiring that can be dimmed 0-10V/DALI.

Luhnos Plus

LED FLOODLIGHTS



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INDUSTRIAL FLOODLIGHTS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

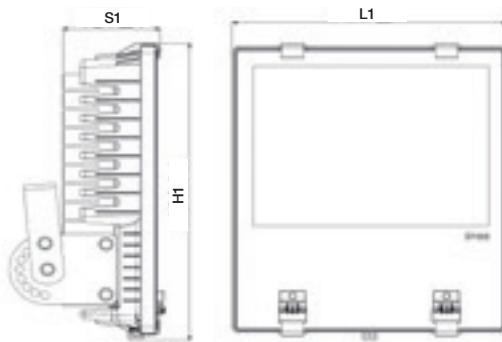
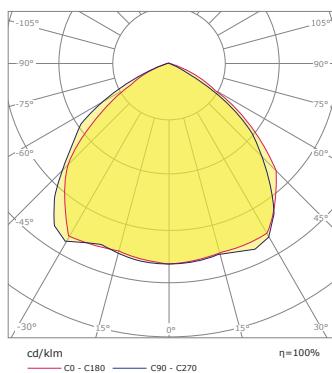
Accessories

Dimming 0-10V/DALI (sub-code D)

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN60598-1, EN 62262:2002, EN 12464-1

	50W	70W	100W	150W	200W
S1 [mm]	112	116	116	187	121
L1 [mm]	220	250	250	310	340
H1 [mm]	281	291	341	375	400

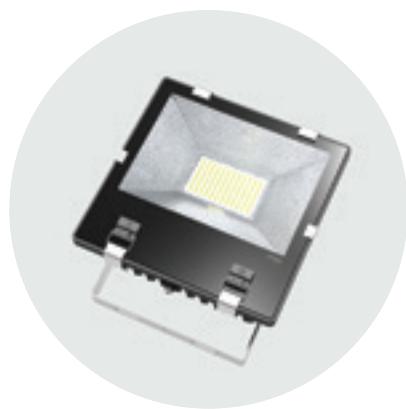


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Luhnos Plus

LED FLOODLIGHTS



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INDUSTRIAL FLOODLIGHTS

CODE	POWER [W]	COLOR [K]	EFFICIENCY [lm/W]
LP051227812	50	2700	120
LP051245812	50	4500	120
LP051265812	50	6500	120
LP071227812	70	2700	120
LP071245812	70	4500	120
LP071265812	70	6500	120
LP101227812	100	2700	120
LP101245812	100	4500	120
LP101265812	100	6500	120
LP151227812	150	2700	120
LP151245812	150	4500	120
LP151265812	150	6500	120
LP201227812	200	2700	120
LP201245812	200	4500	120
LP201265812	200	6500	120

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Luhnos Plus range

LED FLOODLIGHTS

Luhnos Plus

PRODUCT	CODE	EURO
Luhnos Plus 50W Warm	LP051227812	€ 168,91
Luhnos Plus 50W Neutral	LP051245812	€ 168,91
Luhnos Plus 50W Cool	LP051265812	€ 168,91
Luhnos Plus 70W Warm	LP071227812	€ 230,01
Luhnos Plus 70W Neutral	LP071245812	€ 230,01
Luhnos Plus 70W Cool	LP071265812	€ 230,01
Luhnos Plus 100W Warm	LP101227812	€ 405,75
Luhnos Plus 100W Neutral	LP101245812	€ 405,75
Luhnos Plus 100W Cool	LP101265812	€ 405,75
Luhnos Plus 150W Warm	LP151227812	€ 592,99
Luhnos Plus 150W Neutral	LP151245812	€ 592,99
Luhnos Plus 150W Cool	LP151265812	€ 592,99
Luhnos Plus 200W Warm	LP201227812	€ 767,3
Luhnos Plus 200W Neutral	LP201245812	€ 767,3
Luhnos Plus 200W Cool	LP201265812	€ 767,3

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Luhnos Plus 100W Warm Dimm	LP101227812D	€ 441,69
Luhnos Plus 100W Neutral Dimm	LP101245812D	€ 441,69
Luhnos Plus 100W Cool Dimm	LP101265812D	€ 441,69
Luhnos Plus 150W Warm Dimm	LP151227812D	€ 628,93
Luhnos Plus 150W Neutral Dimm	LP151245812D	€ 628,93
Luhnos Plus 150W Cool Dimm	LP151265812D	€ 628,93
Luhnos Plus 200W Warm Dimm	LP201227812D	€ 803,24
Luhnos Plus 200W Neutral Dimm	LP201245812D	€ 803,24
Luhnos Plus 200W Cool Dimm	LP201265812D	€ 803,24

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Kodos range

INDUSTRIAL LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

The industrial high bays of the **Kodos** range are designed to meet all lighting needs in industrial applications or, more generally, for the lighting of large indoor and outdoor areas. Two versions available:

Kodos Normale and **Kodos Largo**, depending on the geometry of the high bay. The use of LED chips made by the leading manufacturers guarantees optimum light intensity and the best chromatic yield. The lamp has a protective shock-proof shield in polycarbonate, so it can be used in special applications too.

Physical/mechanical characteristics

The lamp is made entirely of die-cast aluminium, and designed to optimise heat dissipation: its geometry ensures a constant air flow, but without jeopardising its water resistance characteristics. The high bay is made of moulded prismatic aluminium. The external driver is housed in an anodised aluminium case designed to minimise heat exposure and ensure a long lifespan.

Electrical characteristics

Electronic wiring, 85/265V-50/60Hz.
Power factor > 0.95. Compliance with standards
IEC 60598-1 - CEI EN 60598-1.

Equipment supplied

This model is supplied with an eyelet fixing system.
Other fixing systems are available upon request.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP65. Shock Protection IK08 (EN 60529). Can be installed on normally inflammable surfaces.

Applications

The **Kodos** industrial high bays are ideal for lighting large indoor areas: department stores, industrial and commercial warehouses, production sites, gyms, and many other contexts. The anti-corrosion characteristics of the body make it suitable for installation in places where there may be chlorine gas, ligroin, hydrocarbon mixtures, faint mineral oil vapours and lubricant emulsions.

This type of lighting body can be installed outdoors and, thanks to its notable power level, it's ideal for lighting towers that illuminate large open areas: stadiums, large town squares, logistic platforms, airports.

On request

Different colour temperatures.
Different emission angles. Electronic wiring that can be dimmed 0-10V/DALI.

Kodos Normale

INDUSTRIAL LED HIGH BAYS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Reflective prism in anodised, polished aluminium

Polycarbonate optic

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

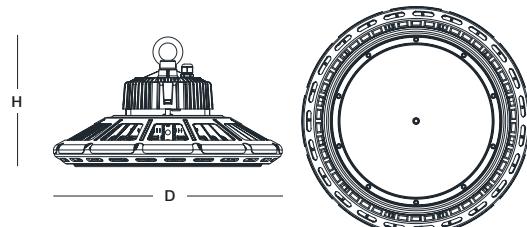
Accessories

Dimming 0-10V/DALI (sub-code D)

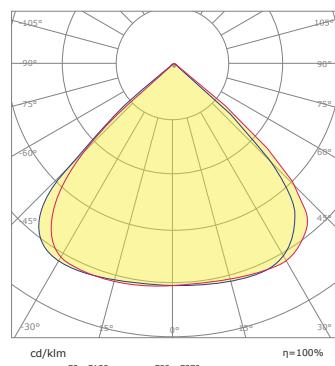
Regulations

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	100W	150W	200W
H [mm]	178	188	204
D [mm]	260	325	400



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KD081045806	100	4500	130
KD081055806	100	5500	130
KD121045806	150	4500	130
KD121055806	150	5500	130
KD201045806	200	4500	130
KD201055806	200	5500	130



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Kodos Largo

INDUSTRIAL LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Reflective prism in anodised, polished aluminium

Polycarbonate optic

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

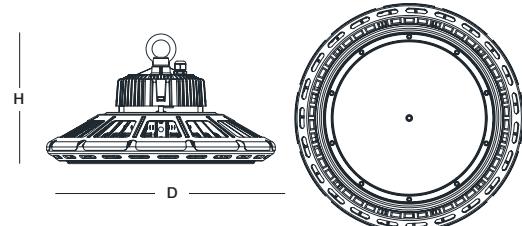
Accessories

Dimming 0-10V/DALI (sub-code D)

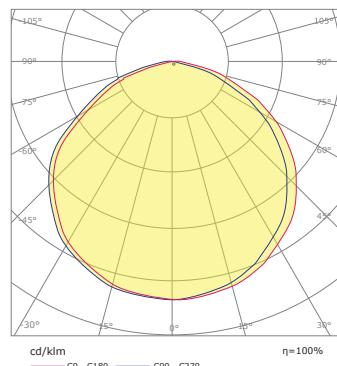
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	100W	150W	200W
H1 [mm]	178	188	204
H2 [mm]	260	325	400



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KD081045810	100	4500	130
KD081055810	100	5500	130
KD121045810	150	4500	130
KD121055810	150	5500	130
KD201045810	200	4500	130
KD201055810	200	5500	130



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Kodos range

INDUSTRIAL LED HIGH BAYS

Kodos Normale

PRODUCT	CODE	EURO
Kodos Normale 100W Neutral	KD101345806	€ 363,34
Kodos Normale 100W Cool	KD101355806	€ 363,34
Kodos Normale 150W Neutral	KD151345806	€ 406,83
Kodos Normale 150W Cool	KD151355806	€ 406,83
Kodos Normale 200W Neutral	KD201345806	€ 466,13
Kodos Normale 200W Cool	KD201355806	€ 466,13

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kodos Normale 100W Neutral Dimm	KD101345806D	€ 399,28
Kodos Normale 100W Cool Dimm	KD101355806D	€ 399,28
Kodos Normale 150W Neutral Dimm	KD151345806D	€ 442,77
Kodos Normale 150W Cool Dimm	KD151355806D	€ 442,77
Kodos Normale 200W Neutral Dimm	KD201345806D	€ 502,07
Kodos Normale 200W Cool Dimm	KD201355806D	€ 502,07

Kodos Largo

PRODUCT	CODE	EURO
Kodos Largo 100W Neutral	KD101365812	€ 363,34
Kodos Largo 100W Cool	KD101375812	€ 363,34
Kodos Largo 150W Neutral	KD151365812	€ 406,83
Kodos Largo 150W Cool	KD151375812	€ 406,83
Kodos Largo 200W Neutral	KD201365812	€ 466,13
Kodos Largo 200W Cool	KD201375812	€ 466,13

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kodos Largo 100W Neutral Dimm	KD101365812D	€ 399,28
Kodos Largo 100W Cool Dimm	KD101375812D	€ 399,28
Kodos Largo 150W Neutral Dimm	KD151365812D	€ 442,77
Kodos Largo 150W Cool Dimm	KD151375812D	€ 442,77
Kodos Largo 200W Neutral Dimm	KD201365812D	€ 502,07
Kodos Largo 200W Cool Dimm	KD201375812D	€ 502,07

Kodos Plus range

INDUSTRIAL LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

The industrial high bays of the **Kodos Plus** range are designed to meet all lighting needs in industrial applications or, more generally, for the lighting of large indoor and outdoor areas. Three versions available: **Stretto, Normale, Largo** (Thin, Standard and Large), depending on the geometry of the high bay. The use of LED chips made by the leading manufacturers guarantees optimum light intensity and the best chromatic yield. The lamp is fitted with protective shock-proof glass, so it can be used in food industry situations too.

Physical/mechanical characteristics

The lamp is made entirely of die-cast aluminium, and designed to optimise heat dissipation: its geometry ensures a constant air flow, but without jeopardising its water resistance characteristics. The large heatsink uses heat pipe technology for continuous heat transfer even with high operating temperatures, maximising the level of efficiency and the lifespan.

The surface is treated with a sandblasting and anodising process to increase its resistance in acid, aggressive environments. The high bay is made of moulded prismatic aluminium. The external driver is housed in an anodised aluminium case designed to minimise heat exposure and ensure a long lifespan. This model is supplied with an eyelet fixing system. Other fixing systems are available upon request.

Electrical characteristics

Electronic wiring, 85/265V-50/60Hz.
Power factor > 0.95. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Equipment supplied

This model is supplied with an adjustable bracket fixing system.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP65. Shock Protection IK08 (EN 60529).

Can be installed on normally inflammable surfaces.

Applications

The **Kodos Plus** industrial high bays are ideal for lighting large indoor areas: department stores, industrial and commercial warehouses, production sites, gyms, and many other contexts. The anti-corrosion characteristics of the body make it suitable for installation in places where there may be chlorine gas, ligroin, hydrocarbon mixtures, faint mineral oil vapours and lubricant emulsions. This type of lighting body can be installed outdoors and, thanks to its notable power level, it's ideal for lighting towers that illuminate large open areas: stadiums, large town squares, logistic platforms, airports.

On request

Different colour temperatures.
Different emission angles. Electronic wiring that can be dimmed 0-10V/DALI.

Kodos Plus Stretto

INDUSTRIAL LED HIGH BAYS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

Accessories

Dimming 0-10V/DALI (sub-code D)

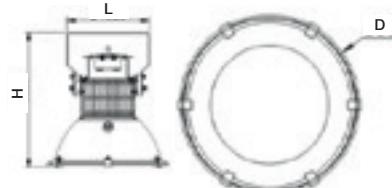
There is a shield complying with the HACCP regulation for food processing and transformation environments

A reinforced shield is also available

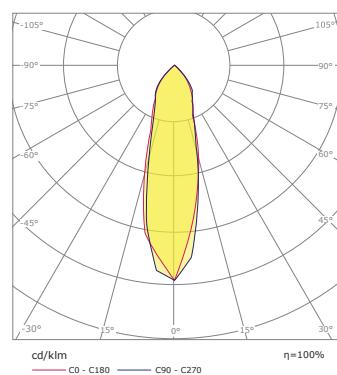
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

	100W	150W	200W
H [mm]	549	459	467
L [mm]	246	303	246
D [mm]	367	367	367



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KP101245804	100	4500	120
KP101255804	100	5500	120
KP151245804	150	4500	120
KP151255804	150	5500	120
KP201245804	200	4500	120
KP201255804	200	5500	120



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



Kodos Plus Normale

INDUSTRIAL LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

Accessories

Dimming 0-10V/DALI (sub-code D)

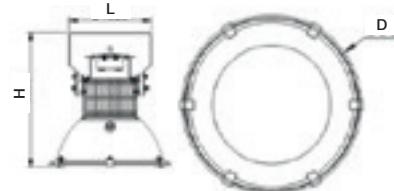
There is a shield complying with the HACCP regulation for food processing and transformation environments

A reinforced shield is also available

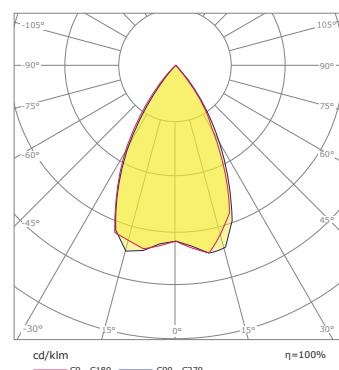
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

	100W	150W	200W
H [mm]	549	459	467
L [mm]	246	303	246
D [mm]	367	367	367



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KP101245804	100	4500	120
KP101255804	100	5500	120
KP151245804	150	4500	120
KP151255804	150	5500	120
KP201245804	200	4500	120
KP201255804	200	5500	120



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



Kodos Plus Largo

INDUSTRIAL LED HIGH BAYS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

Accessories

Dimming 0-10V/DALI (sub-code D)

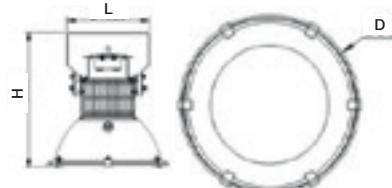
There is a shield complying with the HACCP regulation for food processing and transformation environments

A reinforced shield is also available

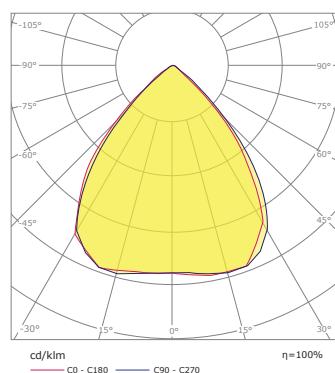
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

	100W	150W	200W
H [mm]	549	459	467
L [mm]	246	303	246
D [mm]	367	367	367



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KP101245809	100	4500	120
KP101255809	100	5500	120
KP151245809	150	4500	120
KP151255809	150	5500	120
KP201245809	200	4500	120
KP201255809	200	5500	120



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Kodos Plus range

INDUSTRIAL LED HIGH BAYS

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INDUSTRIAL HIGH BAYS

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Kodos Plus Stretto

PRODUCT	CODE	EURO
Kodos Plus 100W Neutral	KP101245804	€ 460,02
Kodos Plus 100W Cool	KP101255804	€ 460,02
Kodos Plus 150W Neutral	KP151245804	€ 578,62
Kodos Plus 150W Cool	KP151255804	€ 578,62
Kodos Plus 200W Neutral	KP201245804	€ 826,59
Kodos Plus 200W Cool	KP201255804	€ 826,59

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kodos Plus 100W Neutral Dimm	KP101245804D	€ 495,96
Kodos Plus 100W Cool Dimm	KP101255804D	€ 495,96
Kodos Plus 150W Neutral Dimm	KP151245804D	€ 614,56
Kodos Plus 150W Cool Dimm	KP151255804D	€ 614,56
Kodos Plus 200W Neutral Dimm	KP201245804D	€ 826,53
Kodos Plus 200W Cool Dimm	KP201255804D	€ 826,53

Kodos Plus Normale

PRODUCT	CODE	EURO
Kodos Plus 100W Neutral	KP101245806	€ 460,02
Kodos Plus 100W Cool	KP101255806	€ 460,02
Kodos Plus 150W Neutral	KP151245806	€ 578,62
Kodos Plus 150W Cool	KP151255806	€ 578,62
Kodos Plus 200W Neutral	KP201245806	€ 826,59
Kodos Plus 200W Cool	KP201255806	€ 826,59

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kodos Plus 100W Neutral Dimm	KP101245806D	€ 495,96
Kodos Plus 100W Cool Dimm	KP101255806D	€ 495,96
Kodos Plus 150W Neutral Dimm	KP151245806D	€ 614,56

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Stoà range

MODULAR LED HIGH BAYS



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Lighting characteristics

The LED high bays of the **Stoà** range are designed for outdoor areas, but are perfectly suited to indoor places and special contexts too. Thanks to the wide choice of optics, the lamp can produce a flux varying from 15° to over 90°. Asymmetrical optics are also available upon request.

Physical/mechanical characteristics

The lamp is made entirely of die-cast aluminium, and is particularly robust. Considerable attention has been paid to overheating control, fitting the body with a large heatsink in finned aluminium to greatly boost its capacity; this characteristic, combined with the use of heat pipe technology for continuous heat transfer even with high operating temperatures, maximises the level of efficiency and the lifespan. The lamp can be used on 40W modules (combining up to 6 modules if necessary).

Electrical characteristics

Electronic wiring, 85/265V-50/60Hz.
Power factor > 0.90. Compliance with standards
IEC 60598-1 - CEI EN 60598-1.

Equipment supplied

This model is supplied with an adjustable bracket fixing system.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP65. Shock Protection IK08 (EN 60529). Can be installed on normally inflammable surfaces.

Applications

The **Stoà** high bays are designed for installation in tunnels and in streets, but they're suitable for any application requiring the illumination of large outdoor and indoor areas: department stores, industrial and commercial warehouses, production sites, gyms, and many other contexts.

On request

Different colour temperatures. Different emission angles. Electronic wiring that can be dimmed 0-10V/DALI.

Stoà Lama

MODULAR LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

Light intensity: > 94%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

Accessories

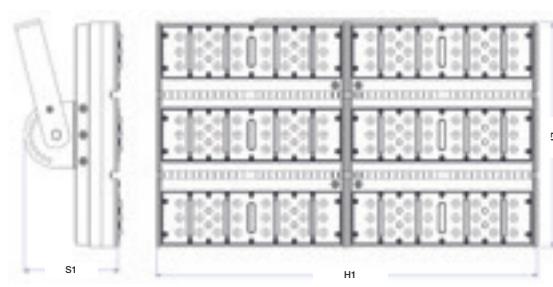
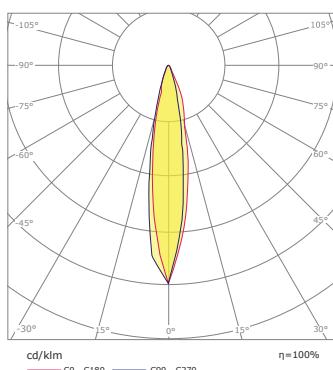
Dimming 0-10V/DALI (sub-code D)

A version with asymmetrical optic is available

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN60598-1, EN 62262:2002, EN 12464-1

	40W	80W	120W	160W	240W
S1 [mm]	138	138	138	138	147
L1 [mm]	110	230	340	430	470
H1 [mm]	298	298	298	298	596
n. moduli	1	2	3	4	8



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



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Stoà Lama

MODULAR LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
ST041127801	40	2700	115
ST041145801	40	4500	115
ST041155801	40	5500	115
ST081127801	80	2700	115
ST081145801	80	4500	115
ST081155801	80	5500	115
ST121127801	120	2700	115
ST121145801	120	4500	115
ST121155801	120	5500	115
ST161127801	160	2700	115
ST161145801	160	4500	115
ST161155801	160	5500	115
ST241127801	240	2700	115
ST241145801	240	4500	115
ST241155801	240	5500	115

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Stoà Normale

MODULAR LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

Light intensity: > 94%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

Accessories

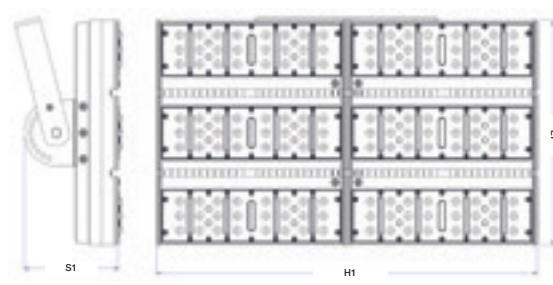
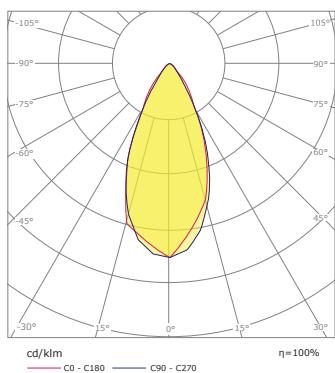
Dimming 0-10V/DALI (sub-code D)

A version with asymmetrical optic is available

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN60598-1, EN 62262:2002, EN 12464-1

	40W	80W	120W	160W	240W
S1 [mm]	138	138	138	138	147
L1 [mm]	110	230	340	430	470
H1 [mm]	298	298	298	298	596
n. moduli	1	2	3	4	8



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The pictures and dimensional parameters are merely an indication, and may differ from the end product.



Stoà Normale

MODULAR LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
ST040827806	40	2700	115
ST040845806	40	4500	115
ST040855806	40	5500	115
ST080827806	80	2700	115
ST080845806	80	4500	115
ST080855806	80	5500	115
ST120827806	120	2700	115
ST120845806	120	4500	115
ST120855806	120	5500	115
ST160827806	160	2700	115
ST160845806	160	4500	115
ST160855806	160	5500	115
ST240827806	240	2700	115
ST240845806	240	4500	115
ST240855806	240	5500	115

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Stoà Largo

MODULAR LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

Lighting characteristics

Light intensity: > 94%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Tempered glass shield

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >90

Lamp characteristics

SMD LED chip

CRI Ra>80

Accessories

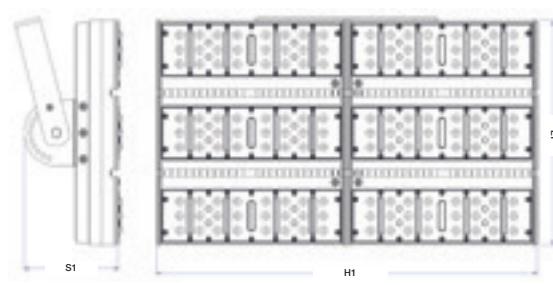
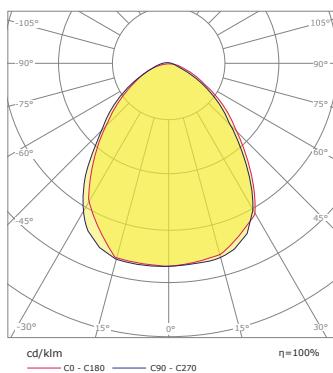
Dimming 0-10V/DALI (sub-code D)

A version with asymmetrical optic is available

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN60598-1, EN 62262:2002, EN 12464-1

	40W	80W	120W	160W	240W
S1 [mm]	138	138	138	138	147
L1 [mm]	110	230	340	430	470
H1 [mm]	298	298	298	298	596
n. moduli	1	2	3	4	8



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Stoà Largo

MODULAR LED HIGH BAYS



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INDUSTRIAL HIGH BAYS

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
ST040827809	40	2700	115
ST040845809	40	4500	115
ST040855809	40	5500	115
ST080827809	80	2700	115
ST080845809	80	4500	115
ST080855809	80	5500	115
ST120827809	120	2700	115
ST120845809	120	4500	115
ST120855809	120	5500	115
ST160827809	160	2700	115
ST160845809	160	4500	115
ST160855809	160	5500	115
ST240827809	240	2700	115
ST240845809	240	4500	115
ST240855809	240	5500	115

The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.

Stoà range

MODULAR LED HIGH BAYS

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INDUSTRIAL HIGH BAYS

Stoà Lama

PRODUCT	CODE	EURO
Stoà Lama 40W Warm	ST041127801	€ 265,95
Stoà Lama 40W Neutral	ST041145801	€ 265,958
Stoà Lama 40W Cool	ST041155801	€ 265,95
Stoà Lama 80W Warm	ST081127801	€ 362,98
Stoà Lama 80W Neutral	ST081145801	€ 362,98
Stoà Lama 80W Cool	ST081155801	€ 362,98
Stoà Lama 120W Warm	ST121127801	€ 477,99
Stoà Lama 120W Neutral	ST121145801	€ 477,99
Stoà Lama 120W Cool	ST121155801	€ 477,99
Stoà Lama 160W Warm	ST161127801	€ 578,62
Stoà Lama 160W Neutral	ST161145801	€ 578,62
Stoà Lama 160W Cool	ST161155801	€ 578,62
Stoà Lama 240W Warm	ST241127801	€ 833,78
Stoà Lama 240W Neutral	ST241145801	€ 833,78
Stoà Lama 240W Cool	ST241155801	€ 833,78

With 0-10V/DALI dimming system (sub-code D)

Stoà Lama

PRODUCT	CODE	EURO
Stoà Lama 40W Warm Dimm	ST041127801D	€ 301,89
Stoà Lama 40W Neutral Dimm	ST041145801D	€ 301,89
Stoà Lama 40W Cool Dimm	ST041155801D	€ 301,89
Stoà Lama 80W Warm Dimm	ST081127801D	€ 398,92
Stoà Lama 80W Neutral Dimm	ST081145801D	€ 398,92
Stoà Lama 80W Cool Dimm	ST081155801D	€ 398,92
Stoà Lama 120W Warm Dimm	ST121127801D	€ 513,93
Stoà Lama 120W Neutral Dimm	ST121145801D	€ 513,93
Stoà Lama 120W Cool Dimm	ST121155801D	€ 513,93
Stoà Lama 160W Warm Dimm	ST161127801D	€ 614,56

PRODUCT	CODE	EURO
Stoà Lama 160W Neutral Dimm	ST161145801D	€ 614,56
Stoà Lama 160W Cool Dimm	ST161155801D	€ 614,56
Stoà Lama 240W Warm Dimm	ST241127801D	€ 869,72
Stoà Lama 240W Neutral Dimm	ST241145801D	€ 869,72
Stoà Lama 240W Cool Dimm	ST241155801D	€ 869,72

Stoà Normale

PRODUCT	CODE	EURO
Stoà Normale 40W Warm	ST041127806	€ 265,95
Stoà Normale 40W Neutral	ST041145806	€ 265,95
Stoà Normale 40W Cool	ST041155806	€ 265,95
Stoà Normale 80W Warm	ST081127806	€ 362,98
Stoà Normale 80W Neutral	ST081145806	€ 362,98
Stoà Normale 80W Cool	ST081155806	€ 362,98
Stoà Normale 120W Warm	ST121127806	€ 477,99
Stoà Normale 120W Neutral	ST121145806	€ 477,99
Stoà Normale 120W Cool	ST121155806	€ 477,99
Stoà Normale 160W Warm	ST161127806	€ 578,62
Stoà Normale 160W Neutral	ST161145806	€ 578,62
Stoà Normale 160W Cool	ST161155806	€ 578,62
Stoà Normale 240W Warm	ST241127806	€ 833,78
Stoà Normale 240W Neutral	ST241145806	€ 833,78
Stoà Normale 240W Cool	ST241155806	€ 833,78

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Stoà range

MODULAR LED HIGH BAYS

With 0-10V/DALI dimming system (sub-code D)

Stoà Normale

PRODUCT	CODE	EURO
Stoà Normale 40W Warm Dimm	ST041127806D	€ 301,89
Stoà Normale 40W Neutral Dimm	ST041145806D	€ 301,89
Stoà Normale 40W Cold Dimm	ST041155806D	€ 301,89
Stoà Normale 80W Warm Dimm	ST081127806D	€ 398,92
Stoà Normale 80W Neutral Dimm	ST081145806D	€ 398,92
Stoà Normale 80W Cold Dimm	ST081155806D	€ 398,92
Stoà Normale 120W Warm Dimm	ST121127806D	€ 513,93
Stoà Normale 120W Neutral Dimm	ST121145806D	€ 513,93
Stoà Normale 120W Cold Dimm	ST121155806D	€ 513,93
Stoà Normale 160W Warm Dimm	ST161127806D	€ 614,56
Stoà Normale 160W Neutral Dimm	ST161145806D	€ 614,56
Stoà Normale 160W Cold Dimm	ST161155806D	€ 614,56
Stoà Normale 240W Warm Dimm	ST241127806D	€ 869,72
Stoà Normale 240W Neutral Dimm	ST241145806D	€ 869,72
Stoà Normale 240W Cold Dimm	ST241155806D	€ 869,72

Stoà Largo

PRODUCT	CODE	EURO
Stoà Largo 40W Warm	ST041127809	€ 265,95
Stoà Largo 40W Neutral	ST041145809	€ 265,95
Stoà Largo 40W Cold	ST041155809	€ 265,95
Stoà Largo 80W Warm	ST081127809	€ 362,98
Stoà Largo 80W Neutral	ST081145809	€ 362,98
Stoà Largo 80W Cold	ST081155809	€ 362,98
Stoà Largo 120W Warm	ST121127809	€ 477,99
Stoà Largo 120W Neutral	ST121145809	€ 477,99
Stoà Largo 120W Cold	ST121155809	€ 477,99

PRODUCT	CODE	EURO
Stoà Largo 160W Warm	ST161127809	€ 578,62
Stoà Largo 160W Neutral	ST161145809	€ 578,62
Stoà Largo 160W Cold	ST161155809	€ 578,62
Stoà Largo 240W Warm	ST241127809	€ 833,78
Stoà Largo 240W Neutral	ST241145809	€ 833,78
Stoà Largo 240W Cold	ST241155809	€ 833,78

With 0-10V/DALI dimming system (sub-code D)

Stoà Largo

PRODUCT	CODE	EURO
Stoà Largo 40W Warm Dimm	ST041127809D	€ 301,89
Stoà Largo 40W Neutral Dimm	ST041145809D	€ 301,89
Stoà Largo 40W Cold Dimm	ST041155809D	€ 301,89
Stoà Largo 80W Warm Dimm	ST081127809D	€ 398,92
Stoà Largo 80W Neutral Dimm	ST081145809D	€ 398,92
Stoà Largo 80W Cold Dimm	ST081155809D	€ 398,92
Stoà Largo 120W Warm Dimm	ST121127809D	€ 513,93
Stoà Largo 120W Neutral Dimm	ST121145809D	€ 513,93
Stoà Largo 120W Cold Dimm	ST121155809D	€ 513,93
Stoà Largo 160W Warm Dimm	ST161127809D	€ 614,56
Stoà Largo 160W Neutral Dimm	ST161145809D	€ 614,56
Stoà Largo 160W Cold Dimm	ST161155809D	€ 614,56
Stoà Largo 240W Warm Dimm	ST241127809D	€ 869,72
Stoà Largo 240W Neutral Dimm	ST241145809D	€ 869,72
Stoà Largo 240W Cold Dimm	ST241155809D	€ 869,72

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Odos range

LED STREET LIGHTING



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Lighting characteristics

The **Odos** range is purposely designed for public and private street lighting. The lamp is fitted with protective, watertight, shock-proof glass. The system ensures extremely easy maintenance and is designed to reduce light pollution in outdoor applications. The optic of these models can be orientated, and there are asymmetrical optics for special lighting requirements.

Physical/mechanical characteristics

The lamp is made using the best technologies. It's in die-cast aluminium with a glass lens, and is particularly robust. The thick, tempered glass guarantees optimum stability in the face of sudden temperature changes and knocks.

Electrical characteristics

The lamps of the **Odos** range have an insulated driver that's installed externally. Electronic wiring, 90/305V-50/60Hz. Power factor > 0.98. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP65 (IP67 upon request). Shock Protection IK09 (EN 60529).

Can be installed on normally inflammable surfaces.

Applications

The **Odos** floodlights are ideal for lighting large outdoor areas: streets, town squares and logistics areas. The characteristics of the body also make it perfect for installation in indoor environments with particular lighting needs such as an IP65 protection rating, or where there are high ceilings.

On request

Different colour temperatures. Electronic wiring that can be dimmed 0-10V/DALI. Optics other than the standard one are available upon request.

Odos

LED STREET LIGHTING



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STREET LIGHTING

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Combined plexiglass optics with high yield

International Protection Class IP65 - IP67

Shock Protection IK09 (EN60529)

Electrical characteristics

AC input: 90/305V - 50/60Hz

Power factor: >0.98

Lamp characteristics

SMD LED chip

CRI Ra>70 - standard asymmetrical optic 135°x60°

Accessories

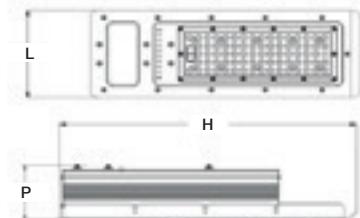
Dimming 0-10V/D (sub-code D).

Different optics available upon request. Adjustable coupling joint

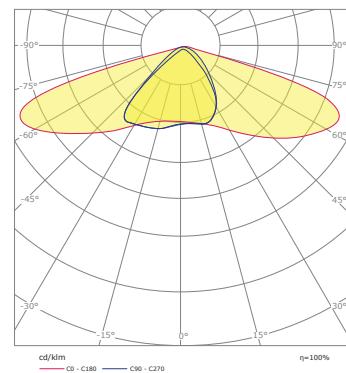
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN60598-1, EN 62262:2002, EN 12464-1

	30W	60W	90W	120W	150W
H [mm]	365,8	431,3	431,3	631,7	631,7
L [mm]	135	160	160	215	215
P [mm]	84,4	89,3	89,3	89,8	89,8



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
OD031155713	30	5500	110
OD031165713	30	6500	110
OD061155713	60	5500	110
OD061165713	60	6500	110
OD091155713	90	5500	110
OD091165713	90	6500	110
OD121155713	120	5500	110
OD121165713	120	6500	110
OD151155713	150	5500	110
OD151165713	150	6500	110



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Odos range

LED STREET LIGHTING

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STREET LIGHTING

Odos

PRODUCT	CODE	EURO
Odos 30W Neutral	OD031155713	€ 116,80
Odos 30W Cold	OD031165713	€ 116,80
Odos 60W Neutral	OD061155713	€ 208,89
Odos 60W Cold	OD061165713	€ 208,89
Odos 90W Neutral	OD091155713	€ 260,56
Odos 90W Warm	OD091165713	€ 260,56
Odos 120W Neutral	OD121155713	€ 309,97
Odos 120W Cold	OD121165713	€ 309,97
Odos 150W Neutral	OD151155713	€ 359,39
Odos 150W Cold	OD151165713	€ 359,39

With 0-10V dimming system (sub-code D)

PRODUCT	CODE	EURO
Odos 30W Neutral Dimm	OD031155713D	€ 161,72
Odos 30W Cold Dimm	OD031165713D	€ 161,72
Odos 60W Neutral Dimm	OD061155713D	€ 253,81
Odos 60W Cold Dimm	OD061165713D	€ 253,81
Odos 90W Neutral Dimm	OD091155713D	€ 305,48
Odos 90W Warm Dimm	OD091165713D	€ 305,48
Odos 120W Neutral Dimm	OD121155713D	€ 354,89
Odos 120W Cold Dimm	OD121165713D	€ 354,89
Odos 150W Neutral Dimm	OD151155713D	€ 404,31
Odos 150W Cold Dimm	OD151165713D	€ 404,31

Odos Plus range

LED STREET LIGHTING



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STREET LIGHTING

Lighting characteristics

The **Odos Plus** range is purposely designed for public and private street lighting. The lamp is fitted with protective, watertight, shock-proof glass. The system ensures extremely easy maintenance and is designed to reduce light pollution in outdoor applications. The optic of these models can be orientated, and there are asymmetrical optics for special lighting requirements.

Physical/mechanical characteristics

The lamp is made using the best technologies. It's in die-cast aluminium with a glass lens, and is particularly robust. The thick, tempered glass guarantees optimum stability in the face of sudden temperature changes and knocks.

Electrical characteristics

The lamps of the **Odos Plus** range have an insulated driver that's installed externally. Electronic wiring, 90/305V-50/60Hz. Power factor > 0.98. Compliance with standards IEC 60598-1 - CEI EN 60598-.

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-
4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.
Photobiological Risk Group "Exempt" (EN 62471:2006).
International Protection Class IP65 (IP67 upon request).
Shock Protection IK09 (EN 60529).
Can be installed on normally inflammable surfaces.

Applications

The **Odos Plus** floodlights are ideal for lighting large outdoor areas: streets, town squares and logistics areas. The characteristics of the body also make it perfect for installation in indoor environments with particular lighting needs such as an IP65 protection rating, or where there are high ceilings.

On request

Different colour temperatures. Electronic wiring that can be dimmed 0-10V/DALI. Wireless adjustment of the individual lighting body.
Optics other than the standard one are available upon request.

Odos Plus

LED STREET LIGHTING



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STREET LIGHTING

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Combined plexiglass optics with high yield

International Protection Class IP65 - IP67

Shock Protection IK09 (EN60529)

Electrical characteristics

AC input: 90/305V - 50/60Hz

Power factor: >0.98

Lamp characteristics

SMD LED chip

CRI Ra>70 - Standard asymmetrical optic 135°x60°

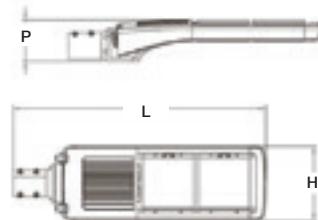
Accessories

Dimming 0-10V/D (sub-code D). Wireless remote control (sub-code R). Different optics available upon request.

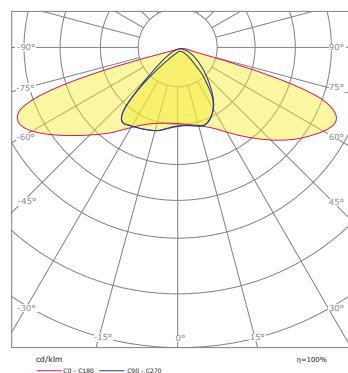
Regulations

Produced in accordance with EN standards N55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	60W	120W	180W
H [mm]	611	784	960
L [mm]	230	230	230
P [mm]	128	128	128



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
ODP061040714	60	4000	105
ODP061055715	60	5500	105
ODP121040714	120	4000	105
ODP121055715	120	5500	105
ODP181040714	180	4000	105
ODP181055715	180	5500	105



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Odos Plus range

LED STREET LIGHTING

Odos Plus

PRODUCT	CODE	EURO
Odos Plus 60W Neutral	ODP061040714	€ 539,08
Odos Plus 60W Cold	ODP061055715	€ 539,08
Odos Plus 120W Neutral	ODP121040714	€ 754,72
Odos Plus 120W Cold	ODP121055715	€ 754,72
Odos Plus 180W Neutral	ODP181040714	€ 1.014,91
Odos Plus 180W Cold	ODP181055715	€ 1.014,91

With 0-10V dimming system (sub-code D)

PRODUCT	CODE	EURO
Odos Plus 60W Neutral Dimm	ODP061040714D	€ 575,02
Odos Plus 60W Cold Dimm	ODP061055715D	€ 575,02
Odos Plus 120W Neutral Dimm	ODP121040714D	€ 790,66
Odos Plus 120W Cold Dimm	ODP121055715D	€ 790,66
Odos Plus 180W Neutral Dimm	ODP181040714D	€ 1.050,85
Odos Plus 180W Cold Dimm	ODP181055715D	€ 1.050,85

With WiFi system (sub-code W)

PRODUCT	CODE	EURO
Odos Plus 60W Neutral WiFi	ODP061040714W	€ 635,40
Odos Plus 60W Cold WiFi	ODP061055715W	€ 635,40
Odos Plus 120W Neutral WiFi	ODP121040714W	€ 851,04
Odos Plus 120W Cold WiFi	ODP121055715W	€ 851,04
Odos Plus 180W Neutral WiFi	ODP181040714W	€ 1.111,23
Odos Plus 180W Cold WiFi	ODP181055715W	€ 1.111,23

Nefos range

WATERTIGHT LED ELEMENTS



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WATERTIGHT ELEMENTS

Lighting characteristics

The watertight elements in polycarbonate of the **Nefos** range are finally available in an integrated version to meet all lighting requirements in the workplace. Thanks to the characteristics of the photo-engraved shield, the new **Nefos** ceiling lights aren't tiring on the eyes; they guarantee a uniquely soft light with even better performance results.

Physical/mechanical characteristics

Body in self-extinguishing polycarbonate V2 (injection-moulded). Colour: grey RAL7035. Diffuser in self-extinguishing polycarbonate V2 with smooth, washable, internal and external photo-engraving (injection-moulded). High bay in cold-dip rolled steel (hot galvanised), coated with glossy white polyester paint. All the materials that make up this element have been selected for their quick disassembly at the end of the product's working life, allowing complete recycling and limited environmental impact.

Electrical characteristics

Electronic wiring, 100/240V-50/60Hz.
Power factor > 0.95. Compliance with standards IEC 60598-1 - CEI EN 60598-1

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-
11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.
International Protection Class IP65. Shock Protection
IK08 (EN 60529). Can be installed on normally
inflammable surfaces. Glow Wire test resistance 850°C.

Applications

The watertight elements of the **Nefos** range are ideal for use in industrial or commercial contexts. They can be installed in any place not subject to conditions considered aggressive for the polycarbonate seal; this means they aren't suitable for use in the presence of acid vapours or mineral oils. You are advised to check the compatibility of the polycarbonate with the specific environmental conditions in the place of installation. Not to be installed on surfaces subject to strong vibration.

On request

Different colour temperatures. The **Nefos** ceiling lights can be combined with safety inverter units of varying amperage levels to enable their use in the event of an emergency.

Electronic wiring that can be dimmed 0-10V/DALI.

Nefos 600

WATERTIGHT LED ELEMENTS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in self-extinguishing polycarbonate V2.

Colour: RAL7035

Diffuser in self-extinguishing polycarbonate V2 (photo-engraved)

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 100/240V - 50/60Hz

Power factor: >0.95

Lamp characteristics

SMD LED chip - CRI Ra>82

Accessories

Dimming 0-10V/DALI (sub-code D)

Metal closure clips (sub-code S)

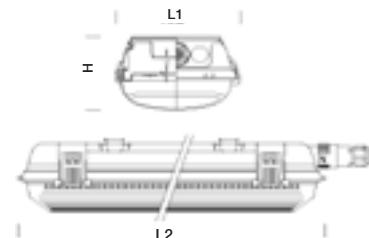
50% light in emergency, duration 1.5h (sub-code E).

Other parameters are available upon request.

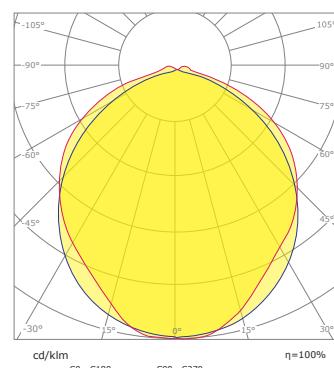
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	9W	18W
H [mm]	69	69
L1 [mm]	75	115
L2 [mm]	680	680



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
NF060112288	9	2800	125
NF060112458	9	4000	125
NF060112558	9	5700	125
NF060212288	18	2800	125
NF060212458	18	4000	125
NF060212558	18	5700	125



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Nefos 1200

WATERTIGHT LED ELEMENTS



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WATERTIGHT ELEMENTS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in self-extinguishing polycarbonate V2.

Colour: RAL7035

Diffuser in self-extinguishing polycarbonate V2 (photo-engraved)

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 100/240V - 50/60Hz

Power factor: >0.95

Lamp characteristics

SMD LED chip - CRI Ra>82

Accessories

Dimming 0-10V/DALI (sub-code D)

Metal closure clips (sub-code S)

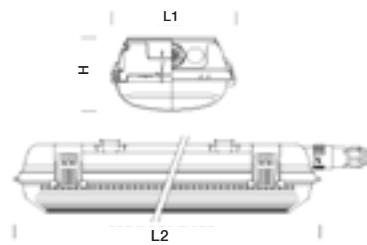
50% light in emergency, duration 1.5h (sub-code E).

Other parameters are available upon request.

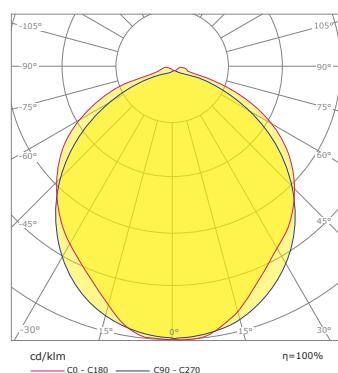
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	18W	36W
H [mm]	69	69
L1 [mm]	75	115
L2 [mm]	1285	1285



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
NF060112288	18	2800	125
NF060112458	18	4000	125
NF060112558	18	5700	125
NF060212288	36	2800	125
NF060212458	36	4000	125
NF060212558	36	5700	125



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Nefos 1500

WATERTIGHT LED ELEMENTS



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WATERTIGHT ELEMENTS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in self-extinguishing polycarbonate V2.

Colour: RAL7035

Diffuser in self-extinguishing polycarbonate V2 (photo-engraved)

International Protection Class IP65

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 100/240V - 50/60Hz

Power factor: >0.95

Lamp characteristics

SMD LED chip - CRI Ra>82

Accessories

Dimming 0-10V/DALI (sub-code D)

Metal closure clips (sub-code S)

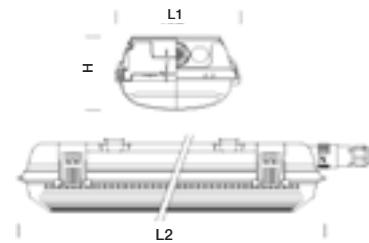
50% light in emergency, duration 1.5h (sub-code E).

Other parameters are available upon request.

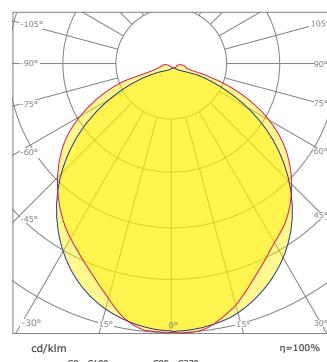
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	25W	50W
H [mm]	69	69
L1 [mm]	75	115
L2 [mm]	1588	1588



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
NF060112288	25	2800	125
NF060112458	25	4000	125
NF060112558	25	5700	125
NF060212288	50	2800	125
NF060212458	50	4000	125
NF060212558	50	5700	125



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Nefos range

WATERTIGHT LED ELEMENTS

Nefos

PRODUCT	CODE	EURO
Nefos 600 mm 9W Warm	NF060112288	€ 41,04
Nefos 600 mm 9W Neutral	NF060112458	€ 41,04
Nefos 600 mm 9W Cool	NF060112558	€ 41,04
Nefos 600 mm 18W Warm	NF060212288	€ 52,98
Nefos 600 mm 18W Neutral	NF060212458	€ 52,98
Nefos 600 mm 18W Cool	NF060212558	€ 52,98
Nefos 1200 mm 18W Warm	NF120212288	€ 58,94
Nefos 1200 mm 18W Neutral	NF120212458	€ 58,94
Nefos 1200 mm 18W Cool	NF120212558	€ 58,94
Nefos 1200 mm 36W Warm	NF120412288	€ 84,31
Nefos 1200 mm 36W Neutral	NF120412458	€ 84,31
Nefos 1200 mm 36W Cool	NF120412558	€ 84,31
Nefos 1500 mm 25W Warm	NF150312288	€ 74,61
Nefos 1500 mm 25W Neutral	NF150312458	€ 74,61
Nefos 1500 mm 25W Cool	NF150312558	€ 74,61
Nefos 1500 mm 50W Warm	NF150512288	€ 107,82
Nefos 1500 mm 50W Neutral	NF150512458	€ 107,82
Nefos 1500 mm 50W Cool	NF150512558	€ 107,82

With DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Nefos 600 mm 20W Warm Dimm	NF060212288D	€ 118,60
Nefos 600 mm 20W Neutral Dimm	NF060212458D	€ 118,60
Nefos 600 mm 20W Cool Dimm	NF060212558D	€ 118,60
Nefos 1200 mm 40W Warm Dimm	NF120412288D	€ 158,85
Nefos 1200 mm 40W Neutral Dimm	NF120412458D	€ 158,85
Nefos 1200 mm 40W Cool Dimm	NF120412558D	€ 158,85
Nefos 1500 mm 60W Warm Dimm	NF150612288D	€ 197,66
Nefos 1500 mm 60W Neutral Dimm	NF150612458D	€ 197,66
Nefos 1500 mm 60W Cool Dimm	NF150612558D	€ 197,66

With standard emergency system (sub-code E)

PRODUCT	CODE	EURO
Nefos 600 mm 20W Warm Emergency	NF060212288E	€ 115,00
Nefos 600 mm 20W Neutral Emergency	NF060212458E	€ 115,00
Nefos 600 mm 20W Cool Emergency	NF060212558E	€ 115,00
Nefos 1200 mm 40W Warm Emergency	NF120412288E	€ 186,88
Nefos 1200 mm 40W Neutral Emergency	NF120412458E	€ 186,88
Nefos 1200 mm 40W Cool Emergency	NF120412558E	€ 186,88
Nefos 1500 mm 60W Warm Emergency	NF150612288E	€ 255,17
Nefos 1500 mm 60W Neutral Emergency	NF150612458E	€ 255,17
Nefos 1500 mm 60W Cool Emergency	NF150612558E	€ 255,17

Accessories

Metal clip surcharge

PRODUCT	EURO
600 mm type	€ 3,41
1200 mm type	€ 5,45
1500 mm type	€ 6,82

Fagma range

LED PANELS



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Lighting characteristics

The LED panels of the **Fagma** range are designed for use in indoor areas, either suspended or installed in false ceilings. The high performance LEDs and a structure of limited dimensions make these panels ideal for offices, shopping centres and, more generally, any area requiring constant lighting. The range includes various types of product, both with anti-glare optics and with enhanced performance.

Physical/mechanical characteristics

The **Fagma** panels have a die-cast aluminium frame and are particularly robust. The flat shield is made of transparent, anti-glare plexiglass and can be supplied with a UGR value of less than 19. For ceiling mounting or suspended installation.

Electrical characteristics

The lamps of the **Fagma** range have an insulated driver that's installed externally.

Electronic wiring, 85/265V-50/60Hz.

Power factor > 0.90. Compliance with standards IEC 60598-1 – CEI EN 60598-1.

Regulations

Produced in accordance with EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP20 (internal part), IP40/43/54 (external part, depending on the configuration); Shock Protection IK06 (EN 60529). Can be installed on normally inflammable surfaces.

Applications

The **Fagma** LED panels are ideal for all areas requiring constant, even lighting with good visual comfort and the total absence of glare (guaranteed by the total shielding of the lamp). The lamp is perfect for places that call for cleanliness and shielding, such as offices, department stores and the commercial sector in general.

On request

Different colour temperatures.

Electronic wiring that can be dimmed 0-10V/DALI.

Fixing brackets for flush-mounting, safety cables for suspended installation, external frame.

Colour: silver or white.

Fagma Square

LED PANELS



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FLUSH-MOUNTING PANELS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Micro-prismatic plexiglass shield

International Protection Class IP54 (visible part),
IP20 (hidden part)

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

Accessories

Dimming 0-10V/DALI (sub-code D)

UGR<19 (sub-code U) - External frame (code FS0606C)

2-cable suspended installation (code FS0606P2); 4-cable suspended installation (code FS0606P4)

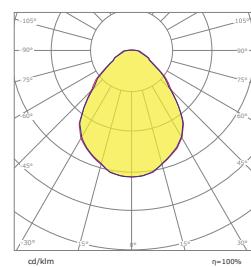
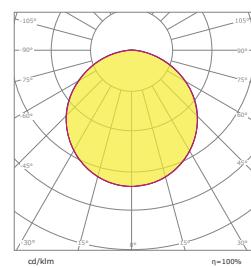
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	12W	20W	40W
L1 [mm]	150	225	595
L2 [mm]	150	225	595
H [mm]	9	9	9



H
L1/L2



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
FS010829812	12	2900	75
FS010840812	12	4000	75
FS020829812	20	2900	75
FS020840812	20	4000	75
FS040929812	40	2900	90
FS040940812	40	4000	90
FS041329812	40	2900	130
FS041340812	40	4000	130



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Fagma Square

LED PANELS

Fagma Square

PRODUCT	CODE	EURO
Fagma Square 75 lm/W 12W Warm	FS010829812	€ 33,49
Fagma Square 75 lm/W 12W Neutral	FS010840812	€ 33,49
Fagma Square 75 lm/W 20W Warm	FS020829812	€ 48,85
Fagma Square 75 lm/W 20W Neutral	FS020840812	€ 48,85
Fagma Square 90 lm/W 40W Warm	FS040929812	€ 70,37
Fagma Square 90 lm/W 40W Neutral	FS040940812	€ 70,37
Fagma Square 130 lm/W 40W Warm	FS041329812	€ 101,10
Fagma Square 130 lm/W 40W Neutral	FS041340812	€ 101,10

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Fagma Square 75 lm/W 12W Warm Dimm	FS010829812D	€ 68,41
Fagma Square 75 lm/W 12W Neutral Dimm	FS010840812D	€ 68,41
Fagma Square 75 lm/W 20W Warm Dimm	FS020829812D	€ 83,77
Fagma Square 75 lm/W 20W Neutral Dimm	FS020840812D	€ 83,77
Fagma Square 90 lm/W 40W Warm Dimm	FS040929812D	€ 122,75
Fagma Square 90 lm/W 40W Neutral Dimm	FS040940812D	€ 122,75
Fagma Square 130 lm/W 40W Warm Dimm	FS041329812D	€ 153,48
Fagma Square 130 lm/W 40W Neutral Dimm	FS041340812D	€ 153,48

Fagma Square UGR<19 (sub-code U)

PRODUCT	CODE	EURO
Fagma Square 130 lm/W 40W Warm UGR<19	FS041329812U	€ 101,10
Fagma Square 130 lm/W 40W Neutral UGR<19	FS041340812U	€ 101,10

Fagma Square UGR<19 with 0-10V/DALI dimming system
(sub-code UD)

PRODUCT	CODE	EURO
Fagma Square 130 lm/W 40W Warm UGR<19 Dimm	FS041329812UD	€ 153,48
Fagma Square 130 lm/W 40W Neutral UGR<19 Dimm	FS041340812UD	€ 153,48

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Fagma Long

LED PANELS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Micro-prismatic plexiglass shield

International Protection Class IP54 (visible part),
IP20 (hidden part)

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

Accessories

Dimming 0-10V/DALI (sub-code D)

UGR<19 (sub-code U) - External frame (code FS0606C)

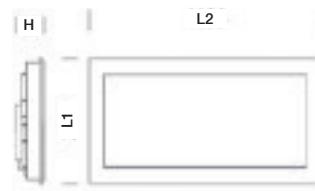
2-cable suspended installation (code FS0606P2); 4-cable suspended installation (code FS0606P4)

Regulations

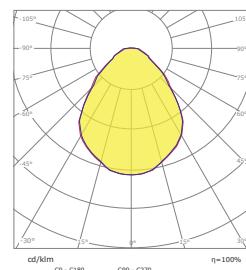
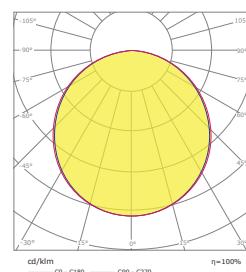
Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

40W

L1 [mm]	300
L2 [mm]	1200
H [mm]	9



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
FL040929812	40	2900	90
FL040940812	40	4000	90
FL041329812	40	2900	130
FL041340812	40	4000	130



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Fagma Long

LED PANELS

Fagma Long

PRODUCT	CODE	EURO
Fagma Long 90 lm/W 40W Warm	FL040929812	€ 81,43
Fagma Long 90 lm/W 40W Neutral	FL040940812	€ 81,43
Fagma Long 130 lm/W 40W Warm	FL041329812	€ 107,24
Fagma Long 130 lm/W 40W Neutral	FL041340812	€ 107,24

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Fagma Long 90 lm/W 40W Warm Dimm	FL040929812D	€ 133,81
Fagma Long 90 lm/W 40W Neutral Dimm	FL040940812D	€ 133,81
Fagma Long 130 lm/W 40W Warm Dimm	FL041329812D	€ 159,62
Fagma Long 130 lm/W 40W Neutral Dimm	FL041340812D	€ 159,62

Fagma Long UGR<19 (sub-code U)

PRODUCT	CODE	EURO
Fagma Long 130 lm/W 40W Warm UGR<19	FL041329812U	€ 107,24
Fagma Long 130 lm/W 40W Neutral UGR<19	FL041340812U	€ 107,24

Fagma Long UGR<19 with 0-10V/DALI dimming system
(sub-code UD)

PRODUCT	CODE	EURO
Fagma Long 130 lm/W 40W Warm UGR<19 Dimm	FL041329812UD	€ 159,62
Fagma Long 130 lm/W 40W Neutral UGR<19 Dimm	FL041340812UD	€ 159,62

Accessories

PRODUCT	CODE	EURO
External frame	FL1203C	€ 41,49
2-cable suspended installation	FL1203P3	€ 15,05
4-cable suspended installation	FL1203P6	€ 19,97

Fagma Round

LED PANELS



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FLUSH-MOUNTING PANELS

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Micro-prismatic plexiglass shield

International Protection Class IP54 (visible part),
IP20 (hidden part)

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

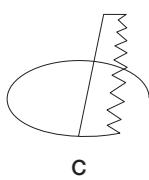
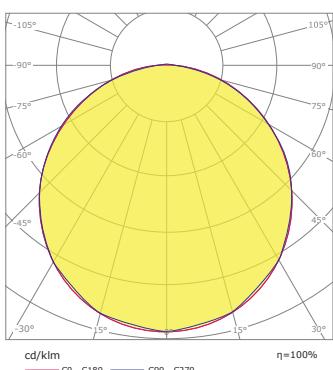
Accessories

Dimming 0-10V/DALI (sub-code D)

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	6W	9W	12W	12W	15W	15W	18W	24W
C [mm]	100	125	145	160	180	200	220	280
H [mm]	14	14	14	14	14	14	14	14
D [mm]	115	145	165	180	200	220	240	300



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Fagma Round

LED PANELS



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FLUSH-MOUNTING PANELS

WWW.POLOLIGHTING.IT

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
FR100608278	6	2700	80
FR100608458	6	4500	80
FR100608558	6	5500	80
FR120908278	9	2700	80
FR120908458	9	4500	80
FR120908558	9	5500	80
FR141208278	12	2700	80
FR141208458	12	4500	80
FR141208558	12	5500	80
FR161208278	12	2700	80
FR161208458	12	4500	80
FR161208558	12	5500	80
FR181508278	15	2700	80
FR181508458	15	4500	80
FR181508558	15	5500	80
FR201508278	15	2700	80
FR201508458	15	4500	80
FR201508558	15	5500	80
FR221808278	18	2700	80
FR221808458	18	4500	80
FR221808558	18	5500	80
FR282608278	24	2700	80
FR282408458	24	4500	80
FR282408558	24	5500	80

The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.

Fagma Round

LED PANELS

Fagma Round

PRODUCT	CODE	EURO
Fagma Round Ø100 6W Warm	FR100608278	€ 17,43
Fagma Round Ø100 6W Neutral	FR100608458	€ 17,43
Fagma Round Ø100 6W Cool	FR100608558	€ 17,43
Fagma Round Ø125 9W Warm	FR120908278	€ 20,13
Fagma Round Ø125 9W Neutral	FR120908458	€ 20,13
Fagma Round Ø125 9W Cool	FR120908558	€ 20,13
Fagma Round Ø145 12W Warm	FR141208278	€ 22,64
Fagma Round Ø145 12W Neutral	FR141208458	€ 22,64
Fagma Round Ø145 12W Cool	FR141208558	€ 22,64
Fagma Round Ø160 12W Warm	FR161208278	€ 23,79
Fagma Round Ø160 12W Neutral	FR161208458	€ 23,79
Fagma Round Ø160 12W Cool	FR161208558	€ 23,79
Fagma Round Ø180 15W Warm	FR181508278	€ 29,11
Fagma Round Ø180 15W Neutral	FR181508458	€ 29,11
Fagma Round Ø180 15W Cool	FR181508558	€ 29,11
Fagma Round Ø200 15W Warm	FR201508278	€ 31,63
Fagma Round Ø200 15W Neutral	FR201508458	€ 31,63
Fagma Round Ø200 15W Cool	FR201508558	€ 31,63
Fagma Round Ø220 18W Warm	FR221808278	€ 41,87
Fagma Round Ø220 18W Neutral	FR221808458	€ 41,87
Fagma Round Ø220 18W Cool	FR221808558	€ 41,87
Fagma Round Ø280 24W Warm	FR282408278	€ 45,46
Fagma Round Ø280 24W Neutral	FR282408458	€ 45,46
Fagma Round Ø280 24W Cool	FR282408558	€ 45,46
Fagma Round Ø280 24W Cool	FR282408558	€ 45,46

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Fagma Round Ø100 6W Warm Dimm	FR100608278D	€ 53,37
Fagma Round Ø100 6W Neutral Dimm	FR100608458D	€ 53,37

PRODUCT	CODE	EURO
Fagma Round Ø100 6W Cool Dimm	FR100608558D	€ 53,37
Fagma Round Ø125 9W Warm Dimm	FR120908278D	€ 56,06
Fagma Round Ø125 9W Neutral Dimm	FR120908458D	€ 56,06
Fagma Round Ø125 9W Cool Dimm	FR120908558D	€ 56,06
Fagma Round Ø145 12W Warm Dimm	FR141208278D	€ 58,58
Fagma Round Ø145 12W Neutral Dimm	FR141208458D	€ 58,58
Fagma Round Ø145 12W Cool Dimm	FR141208558D	€ 58,58
Fagma Round Ø160 12W Warm Dimm	FR161208278D	€ 59,73
Fagma Round Ø160 12W Neutral Dimm	FR161208458D	€ 59,73
Fagma Round Ø160 12W Cool Dimm	FR161208558D	€ 59,73
Fagma Round Ø180 15W Warm Dimm	FR181508278D	€ 65,05
Fagma Round Ø180 15W Neutral Dimm	FR181508458D	€ 65,05
Fagma Round Ø180 15W Cool Dimm	FR181508558D	€ 65,05
Fagma Round Ø200 15W Warm Dimm	FR201508278D	€ 67,57
Fagma Round Ø200 15W Neutral Dimm	FR201508458D	€ 67,57
Fagma Round Ø200 15W Cool Dimm	FR201508558D	€ 67,57
Fagma Round Ø220 18W Warm Dimm	FR221808278D	€ 77,81
Fagma Round Ø220 18W Neutral Dimm	FR221808458D	€ 77,81
Fagma Round Ø220 18W Cool Dimm	FR221808558D	€ 77,81
Fagma Round Ø280 24W Warm Dimm	FR282408278D	€ 81,40
Fagma Round Ø280 24W Neutral Dimm	FR282408458D	€ 81,40
Fagma Round Ø280 24W Cool Dimm	FR282408558D	€ 81,40

Omma Orient range

FLUSH-MOUNTING ORIENTATED LED SPOTLIGHTS



64

Lighting characteristics

The **Omma Orient** lights are ideal for the tertiary and residential sectors. They're designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption. The optic of these models can be orientated to obtain different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamp is made using the best technologies. A die-cast aluminium body with a polycarbonate lens - both elements particularly robust. The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings.

Electrical characteristics

The lamps of the **Omma Orient** range have an insulated driver that's installed externally.

Electronic wiring, 220V-50/60Hz. Power factor > 0.90.
Compliance with standards IEC 60598-1 - CEI EN 60598-1

Regulations

Produced in accordance with EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1. Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP20. Can be installed on normally inflammable surfaces.

Applications

The **Omma Orient** range is ideal for applications requiring flush-mounting or suspended lighting: offices, shops, apartment complexes and service centres in general. The characteristics of the body make it perfect for installation even in indoor environments with particular lighting needs.

On request

Different colour temperatures. Electronic wiring that can be dimmed Triac/0-10V/DALI.

Omma Orient

FLUSH-MOUNTING ORIENTATED LED SPOTLIGHTS



65

FLUSH-MOUNTING SPOTLIGHT

Lighting characteristics

Light intensity: > 85%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Polycarbonate shield

International Protection Class IP20

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 220/240V - 50/60Hz

Power factor: >0.90

Lamp characteristics

COB LED chip

CRI Ra>80

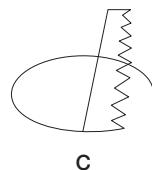
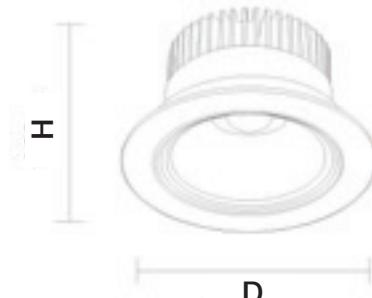
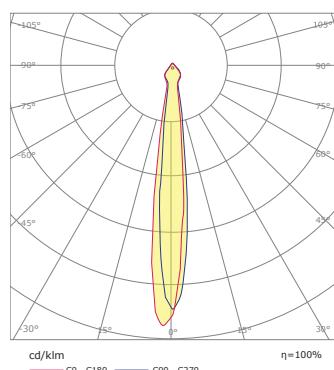
Accessories

Dimming Triac/0-10V/DALI (sub-code D)

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	7W	10W	15W	25W	30W
H [mm]	70	75	90	80	100
D [mm]	90	115	140	160	170
C [mm]	80	100	120	140	150



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.

Omma Orient

FLUSH-MOUNTING ORIENTATED LED SPOTLIGHTS



66

FLUSH-MOUNTING SPOTLIGHT

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
00080708278	7	2700	80
00080708458	7	4500	80
00080708558	7	5500	80
00091008278	10	2700	80
00091008458	10	4500	80
00091008558	10	5500	80
00121508278	15	2700	80
00121508458	15	4500	80
00121508558	15	5500	80
00142508278	25	2700	80
00142508458	25	4500	80
00142508558	25	5500	80
00153008278	30	2700	80
00153008458	30	4500	80
00153008558	30	5500	80

The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Omma Orient range

FLUSH-MOUNTING ORIENTATED LED SPOTLIGHTS

Omma Orient

PRODUCT	CODE	EURO	PRODUCT	CODE	EURO
Omma Orient Ø80mm 7W Warm	00080708278	€ 18,58	Omma Orient Ø140mm 25W Neutral Dimm	00142508458D	€ 82,19
Omma Orient Ø80mm 7W Neutral	00080708458	€ 18,58	Omma Orient Ø140mm 25W Cool Dimm	00142508558D	€ 82,19
Omma Orient Ø80mm 7W Cool	00080708558	€ 18,58	Omma Orient Ø150mm 30W Warm Dimm	00153008278D	€ 94,52
Omma Orient Ø100mm 10W Warm	00091008278	€ 22,93	Omma Orient Ø150mm 30W Neutral Dimm	00153008458D	€ 94,52
Omma Orient Ø100mm 10W Neutral	00091008458	€ 22,93	Omma Orient Ø150mm 30W Cool Dimm	00153008558D	€ 94,52
Omma Orient Ø100mm 10W Cool	00091008558	€ 22,93			
Omma Orient Ø120mm 15W Warm	00121508278	€ 34,79			
Omma Orient Ø120mm 15W Neutral	00121508458	€ 34,79			
Omma Orient Ø120mm 15W Cool	00121508558	€ 34,79			
Omma Orient Ø140mm 25W Warm	00142508278	€ 46,25			
Omma Orient Ø140mm 25W Neutral	00142508458	€ 46,25			
Omma Orient Ø140mm 25W Cool	00142508558	€ 46,25			
Omma Orient Ø150mm 30W Warm	00153008278	€ 58,58			
Omma Orient Ø150mm 30W Neutral	00153008458	€ 58,58			
Omma Orient Ø150mm 30W Cool	00153008558	€ 58,58			

With Triac/0-10V/DALI dimmeration system (sub-code D)

PRODUCT	CODE	EURO
Omma Orient Ø80mm 7W Warm Dimm	00080708278D	€ 54,52
Omma Orient Ø80mm 7W Neutral Dimm	00080708458D	€ 54,52
Omma Orient Ø80mm 7W Cool Dimm	00080708558D	€ 54,52
Omma Orient Ø100mm 10W Warm Dimm	00091008278D	€ 58,87
Omma Orient Ø100mm 10W Neutral Dimm	00091008458D	€ 58,87
Omma Orient Ø100mm 10W Cool Dimm	00091008558D	€ 58,87
Omma Orient Ø120mm 15W Warm Dimm	00121508278D	€ 70,73
Omma Orient Ø120mm 15W Neutral Dimm	00121508458D	€ 70,73
Omma Orient Ø120mm 15W Cool Dimm	00121508558D	€ 70,73
Omma Orient Ø140mm 25W Warm Dimm	00142508278D	€ 82,19

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Omma Mall range

FLUSH-MOUNTING LED SPOTLIGHTS



68

Lighting characteristics

The **Omma Mall** lights are ideal for the tertiary and residential sectors. They're designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption. The optic of these models can be orientated to obtain different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamp is made using the best technologies. A die-cast aluminium body with a polycarbonate lens - both elements particularly robust. The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings.

Electrical characteristics

The lamps of the **Omma Mall** range have an insulated driver that's installed externally. Electronic wiring, 85/265V-50/60Hz. Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP20. Can be installed on normally inflammable surfaces.

Applications

The lights of the **Omma Mall** range are suitable for applications requiring either flush-mounting or suspended installation, in particular for department stores. The characteristics of the body make it perfect for installation even in indoor environments with particular lighting needs.

On request

Different colour temperatures.

Electronic wiring that can be dimmed, 0-10V or DALI. Upon request, there are specific products for applications in the food industry (fridge counters and counters for meat, fruit&veg, bread and fish).

Omnia Mall Normale

FLUSH-MOUNTING LED SPOTLIGHTS



69

Lighting characteristics

Light intensity: > 85%
Lifespan (L80): 50,000 h (Tp: 60°)
Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium
Polycarbonate shield
International Protection Class IP54 (visible part),
IP20 (hidden part)
Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz
Power factor: >0.90

Lamp characteristics

COB LED chip
CRI Ra>80

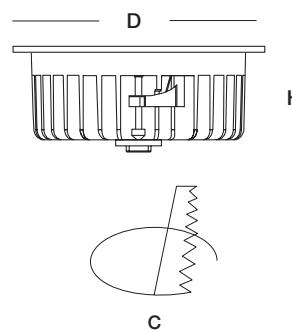
Accessories

Dimming 0-10V/DALI (sub-code D)
Special applications for the food industry available upon request: Butcher's (sub-code M), Baker's (sub-code B), Greengrocer's (sub-code V), Fishmonger's (sub-code F)

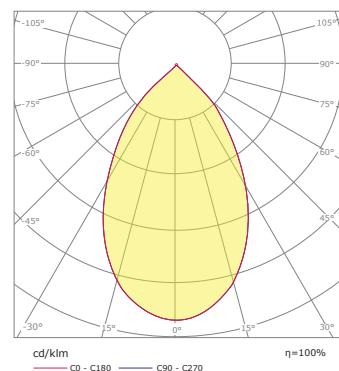
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	38W	50W
C [mm]	205	205
H [mm]	99	99
D [mm]	230	230



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
OM2038112706	38	2700	110
OM2038114506	38	4500	110
OM2038115506	38	5500	110
OM2050112706	50	2700	110
OM2050114506	50	4500	110
OM2050115506	50	5500	110



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Omma Mall Largo

FLUSH-MOUNTING LED SPOTLIGHTS



Lighting characteristics

Light intensity: > 85%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Polycarbonate shield

International Protection Class IP54 (visible part),
IP20 (hidden part)

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >0.90

Lamp characteristics

COB LED chip

CRI Ra>80

Accessories

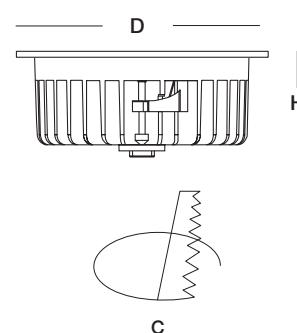
Dimming 0-10V/DALI (sub-code D)

Special applications for the food industry available upon request: Butcher's (sub-code M), Baker's (sub-code B), Greengrocer's (sub-code V), Fishmonger's (sub-code F)

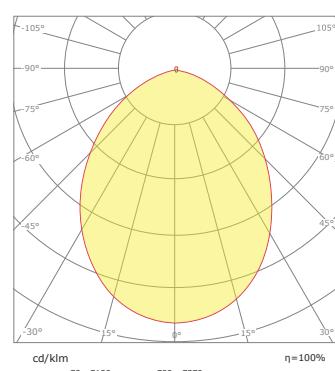
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	38W	50W
C [mm]	205	205
H [mm]	99	99
D [mm]	230	230



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
OM2038112710	38	2700	110
OM2038114510	38	4500	110
OM2038115510	38	5500	110
OM2050112710	50	2700	110
OM2050114510	50	4500	110
OM2050115510	50	5500	110



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Omma Mall range

FLUSH-MOUNTING LED SPOTLIGHTS

Omma Mall Normale

PRODUCT	CODE	EURO	PRODUCT	CODE	EURO
Omma Mall Ø205 60° 38W Warm	OM2038112706	€ 113,21	Omma Mall Ø205 100° 38W Cool	OM2038115510D	€ 176,10
Omma Mall Ø205 60° 38W Neutral	OM2038114506	€ 113,21	Omma Mall Ø205 100° 50W Warm	OM2050112710D	€ 199,46
Omma Mall Ø205 60° 38W Cool	OM2038115506	€ 113,21	Omma Mall Ø205 100° 50W Neutral	OM2050114510D	€ 199,46
Omma Mall Ø205 60° 50W Warm	OM2050112706	€ 131,18	Omma Mall Ø205 100° 50W Cool	OM2050115510D	€ 199,46
Omma Mall Ø205 60° 50W Neutral	OM2050114506	€ 131,18			
Omma Mall Ø205 60° 50W Cool	OM2050115506	€ 131,18			

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Omma Mall Ø205 60° 38W Warm	OM2038112706D	€ 167,12
Omma Mall Ø205 60° 38W Neutral	OM2038114506D	€ 167,12
Omma Mall Ø205 60° 38W Cool	OM2038115506D	€ 167,12
Omma Mall Ø205 60° 50W Warm	OM2050112706D	€ 185,09
Omma Mall Ø205 60° 50W Neutral	OM2050114506D	€ 185,09
Omma Mall Ø205 60° 50W Cool	OM2050115506D	€ 185,09

Omma Mall Largo

PRODUCT	CODE	EURO
Omma Mall Ø205 100° 38W Warm	OM2038112710	€ 122,19
Omma Mall Ø205 100° 38W Neutral	OM2038114510	€ 122,19
Omma Mall Ø205 100° 38W Cool	OM2038115510	€ 122,19
Omma Mall Ø205 100° 50W Warm	OM2050112710	€ 145,55
Omma Mall Ø205 100° 50W Neutral	OM2050114510	€ 145,55
Omma Mall Ø205 100° 50W Cool	OM2050115510	€ 145,55

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Omma Mall Ø205 100° 38W Warm	OM2038112710D	€ 176,10
Omma Mall Ø205 100° 38W Neutral	OM2038114510D	€ 176,10

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Omma Mall Special

FLUSH-MOUNTING LED SPOTLIGHTS

Omma Special \ Butcher's

PRODUCT	CODE	EURO
Omma Mall Special Butcher Ø120 60° 20W	OM12208550806M	€ 66,85
Omma Mall Special Butcher Ø145 60° 30W	OM15308550806M	€ 89,13
Omma Mall Special Butcher Ø145 60° 40W	OM15408550806M	€ 98,11

Omma Special \ Baker's

PRODUCT	CODE	EURO
Omma Mall Special Baker Ø120 60° 20W	OM12208550806B	€ 62,89
Omma Mall Special Baker Ø145 60° 30W	OM15308550806B	€ 85,18
Omma Mall Special Baker Ø145 60° 40W	OM15408550806B	€ 95,24

Omma Special \ Greengrocer's

PRODUCT	CODE	EURO
Omma Mall Special Greengrocer Ø120 60° 20W	OM12208550906V	€ 62,89
Omma Mall Special Greengrocer Ø145 60° 30W	OM15308550906V	€ 85,18
Omma Mall Special Greengrocer Ø145 60° 40W	OM15408550906V	€ 95,24

Omma Special \ Fishmonger's

PRODUCT	CODE	EURO
Omma Mall Special Fishmonger Ø120 60° 20W	OM12208550906F	€ 62,89
Omma Mall Special Fishmonger Ø145 60° 30W	OM15308550906F	€ 85,18
Omma Mall Special Fishmonger Ø145 60° 40W	OM15408550906F	€ 95,24

Omma Round range

FLUSH-MOUNTING LED SPOTLIGHTS



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Lighting characteristics

The **Omma Round** lights are ideal for the tertiary and residential sectors. They're designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption.

The optic is fixed and can produce different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamp is made using the best technologies. A die-cast aluminium body with a polycarbonate lens - both elements particularly robust. The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings.

Electrical characteristics

The lamps of the **Omma Round** range have an insulated driver that's installed externally. Electronic wiring, 220/240V-50/60Hz. Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP20. Can be installed on normally inflammable surfaces.

Applications

The **Omma Round** range is ideal for applications requiring flush-mounting or suspended lighting: offices, shops, apartment complexes and service centres in general. The characteristics of the body make it perfect for installation even in indoor environments with particular lighting needs.

On request

Different colour temperatures.
Electronic wiring that can be dimmed 0-10V/DALI.

Omma Round

FLUSH-MOUNTING LED SPOTLIGHTS



Lighting characteristics

Light intensity: > 85%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Opal polycarbonate shield

International Protection Class IP54 (visible part),
IP20 (hidden part) Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 220/240V - 50/60Hz

Power factor: >0.90

Lamp characteristics

COB LED chip

CRI Ra>80

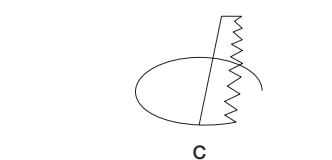
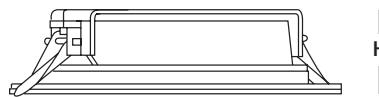
Accessories

Dimming 0-10V/DALI (sub-code D)

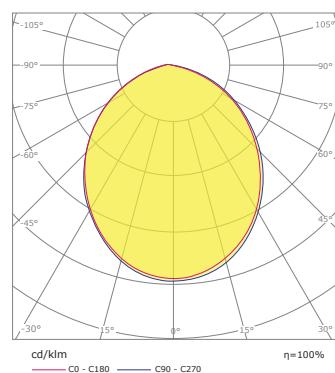
Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	8W	15W	20W	30W
C [mm]	100	160	185	205
H [mm]	60	69	71	81
D [mm]	125	189	215	245



C



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
OR100809278	8	2700	90
OR100809458	8	4500	90
OR161509278	15	2700	90
OR161509458	15	4500	90
OR192009278	20	2700	90
OR192009458	20	4500	90
OR253009278	30	2700	90
OR253009458	30	4500	90



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Omma Round range

FLUSH-MOUNTING LED SPOTLIGHTS

Omma Round

PRODUCT	CODE	EURO
Omma Round Ø100 120° 8W Warm	OR100809278	€ 21,20
Omma Round Ø100 120° 8W Neutral	OR100809458	€ 21,20
Omma Round Ø160 120° 15W Warm	OR161509278	€ 35,34
Omma Round Ø160 120° 15W Neutral	OR161509458	€ 35,34
Omma Round Ø185 120° 20W Warm	OR192009278	€ 51,93
Omma Round Ø185 120° 20W Neutral	OR192009458	€ 51,93
Omma Round Ø205 120° 30W Warm	OR253009278	€ 64,22
Omma Round Ø205 120° 30W Neutral	OR253009458	€ 64,22

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Omma Round Ø100 120° 8W Warm Dimm	OR100809278D	€ 57,14
Omma Round Ø100 120° 8W Neutral Dimm	OR100809458D	€ 57,14
Omma Round Ø160 120° 15W Warm Dimm	OR161509278D	€ 71,28
Omma Round Ø160 120° 15W Neutral Dimm	OR161509458D	€ 71,28
Omma Round Ø185 120° 20W Warm Dimm	OR192009278D	€ 87,87
Omma Round Ø185 120° 20W Neutral Dimm	OR192009458D	€ 87,87
Omma Round Ø205 120° 30W Warm Dimm	OR253009278D	€ 100,16
Omma Round Ø205 120° 30W Neutral Dimm	OR253009458D	€ 100,16

Omma Periscope range

FLUSH-MOUNTING ADJUSTABLE LED SPOTLIGHTS



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Lighting characteristics

The **Omma Periscope** lights are ideal for the tertiary and residential sectors. They're designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption. The optic of these models can be orientated to obtain different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamp is made using the best technologies. A die-cast aluminium body with a polycarbonate lens - both elements particularly robust. The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings.

Electrical characteristics

The lamps of the **Omma Periscope** range have an insulated driver that's installed externally. Electronic wiring, 220/240V-50/60Hz. Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP20. Can be installed on normally inflammable surfaces.

Applications

The **Omma Periscope** range is ideal for applications requiring flush-mounting or suspended lighting: offices, shops, apartment complexes and service centres in general. The characteristics of the body make it perfect for installation even in indoor environments with particular lighting needs.

On request

Different colour temperatures. Electronic wiring that can be dimmed Triac/0-10V/DALI.

Omnia Periscope

FLUSH-MOUNTING ADJUSTABLE LED SPOTLIGHTS



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FLUSH-MOUNTING SPOTLIGHT

Lighting characteristics

Light intensity: > 85%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Polycarbonate shield

International Protection Class IP20

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 220/240V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip

CRI Ra>80

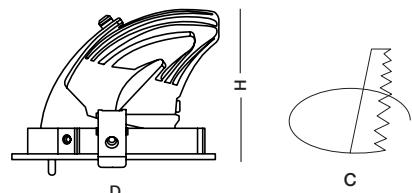
Accessories

Dimming 0-10V/DALI (sub-code D)

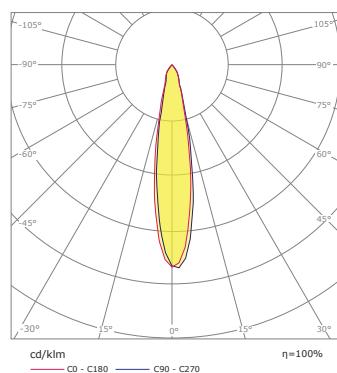
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	12W	20W	30W
C [mm]	95	125	145
H [mm]	74	95	116
D [mm]	102	132	162



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
OP091207278	12	2700	70
OP091207458	12	4500	70
OP091207558	12	5500	70
OP122007278	20	2700	70
OP122007458	20	4500	70
OP122007558	20	5500	70
OP153007278	30	2700	70
OP153007458	30	4500	70
OP153007558	30	5500	70



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Omma Periscope range

FLUSH-MOUNTING ADJUSTABLE LED SPOTLIGHTS

Omma Periscope

PRODUCT	CODE	EURO
Omma Periscope Ø95 25° 12W Warm	OP091207278	€ 64,33
Omma Periscope Ø95 25° 12W Neutral	OP091207458	€ 64,33
Omma Periscope Ø95 25° 12W Cool	OP091207558	€ 64,33
Omma Periscope Ø125 25° 25W Warm	OP122007278	€ 100,63
Omma Periscope Ø125 25° 25W Neutral	OP122007458	€ 100,63
Omma Periscope Ø125 25° 25W Cool	OP122007558	€ 100,63
Omma Periscope Ø145 25° 35W Warm	OP153007278	€ 114,51
Omma Periscope Ø145 25° 35W Neutral	OP153007458	€ 114,51
Omma Periscope Ø145 25° 35W Cool	OP153007558	€ 114,51

With Triac/0-10V/DALI dimmeration system (sub-code D)

PRODUCT	CODE	EURO
Omma Periscope Ø95 25° 12W Warm Dimm	OP091207278D	€ 100,27
Omma Periscope Ø95 25° 12W Neutral Dimm	OP091207458D	€ 100,27
Omma Periscope Ø95 25° 12W Cool Dimm	OP091207558D	€ 100,27
Omma Periscope Ø125 25° 25W Warm Dimm	OP122007278D	€ 136,57
Omma Periscope Ø125 25° 25W Neutral Dimm	OP122007458D	€ 136,57
Omma Periscope Ø125 25° 25W Cool Dimm	OP122007558D	€ 136,57
Omma Periscope Ø145 25° 35W Warm Dimm	OP153007278D	€ 150,45
Omma Periscope Ø145 25° 35W Neutral Dimm	OP153007458D	€ 150,45
Omma Periscope Ø145 25° 35W Cool Dimm	OP153007558D	€ 150,45

Omma Drop range

FLUSH-MOUNTING LED SPOTLIGHTS WITH HIGH IP RATING



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Lighting characteristics

The lights of the **Omma Drop** range are ideal for special applications in damp places where there is a risk of contact with water. They're designed for decorative solutions for prestigious interiors or exteriors. The system ensures extremely easy maintenance and the minimum energy consumption. The optic is fixed and can produce different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamp is made using the best technologies. A die-cast aluminium body with polycarbonate lens (**Omma Drop Up**) or 316 steel body with a high molybdenum content and tempered glass (**Omma Drop Down**). The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings.

Electrical characteristics

The lamps of the **Omma Drop Up** range have an insulated driver that's installed externally. The lamps of the **Omma Drop Down** range are powered at 12V DC. Electronic wiring, 180/240VAC-50/60Hz, 12VDC. Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP44, IP65 upon request, IP68. Can be installed on normally inflammable surfaces.

Applications

Omma Drop is ideal in places requiring flush-mounting lighting in damp conditions, for outdoor installation or where there is a risk of contact with water and dust. The characteristics of the body make it perfect for installation even in indoor environments with particular lighting needs.

On request

DALI electronic wiring with dimming. Special IP68 connectors.

Omma Drop Up

FLUSH-MOUNTING LED SPOTLIGHTS
WITH HIGH IP RATING



Lighting characteristics

Light intensity: > 85%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium

Opal polycarbonate shield

International Protection Class IP44

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/240V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip

CRI Ra>80

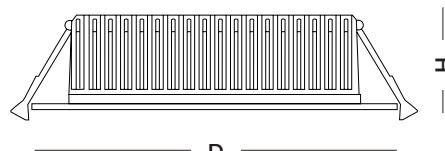
Accessories

Dimming 0-10V/DALI (sub-code D)

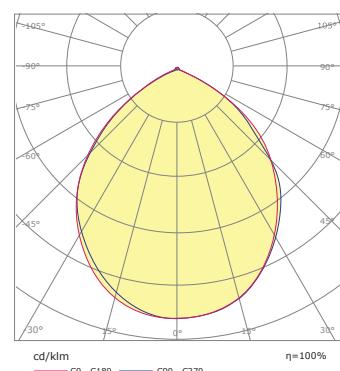
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	10W	20W	30W
C [mm]	90	165	210
H [mm]	38	45	45
D [mm]	110	190	230



CODE	POWER	COLOUR [K]	EFFICIENCY [lm/W]
ODU0910092712	10	2700	90
ODU0910094512	10	4500	90
ODU0910095512	10	5500	90
ODU1620092712	20	2700	90
ODU1620094512	20	4500	90
ODU1620095512	20	5500	90
ODU2130092712	30	2700	90
ODU2130094512	30	4500	90
ODU2130095512	30	5500	90



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Omma Drop Up range

FLUSH-MOUNTING LED SPOTLIGHTS
WITH HIGH IP RATING

Omma Drop Up

PRODUCT	CODE	EURO
Omma Drop Up Ø90 120° 10W Warm	ODU0910092712	€ 22,75
Omma Drop Up Ø90 120° 10W Neutral	ODU0910094512	€ 22,75
Omma Drop Up Ø90 120° 10W Cool	ODU0910095512	€ 22,75
Omma Drop Up Ø165 120° 20W Warm	ODU1620092712	€ 47,80
Omma Drop Up Ø165 120° 20W Neutral	ODU1620094512	€ 47,80
Omma Drop Up Ø165 120° 20W Cool	ODU1620095512	€ 47,80
Omma Drop Up Ø210 120° 30W Warm	ODU2130092712	€ 57,50
Omma Drop Up Ø210 120° 30W Neutral	ODU2130094512	€ 57,50
Omma Drop Up Ø210 120° 30W Cool	ODU2130095512	€ 57,50

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Omma Drop Up Ø90 120° 10W Warm Dimm	ODU0910092712D	€ 58,69
Omma Drop Up Ø90 120° 10W Neutral Dimm	ODU0910094512D	€ 58,69
Omma Drop Up Ø90 120° 10W Cool Dimm	ODU0910095512D	€ 58,69
Omma Drop Up Ø165 120° 20W Warm Dimm	ODU1620092712D	€ 83,74
Omma Drop Up Ø165 120° 20W Neutral Dimm	ODU1620094512D	€ 83,74
Omma Drop Up Ø165 120° 20W Cool Dimm	ODU1620095512D	€ 83,74
Omma Drop Up Ø210 120° 30W Warm Dimm	ODU2130092712D	€ 93,44
Omma Drop Up Ø210 120° 30W Neutral Dimm	ODU2130094512D	€ 93,44
Omma Drop Up Ø210 120° 30W Cool Dimm	ODU2130095512D	€ 93,44

Omma Drop Down

FLUSH-MOUNTING LED SPOTLIGHTS
WITH HIGH IP RATING



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Lighting characteristics

Light intensity: > 85%
Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body with high molybdenum content (D range) or aluminium (W range)
Shield in 316 tin-free steel (D range) or aluminium (W range)

Tempered glass optic

International Protection Class IP67-68.

Shock Protection IK08/IK10 (EN60529).

Electrical characteristics

DC input: 12V. Power factor: >0.90

Lamp characteristics

SMD LED chip
CRI Ra>80

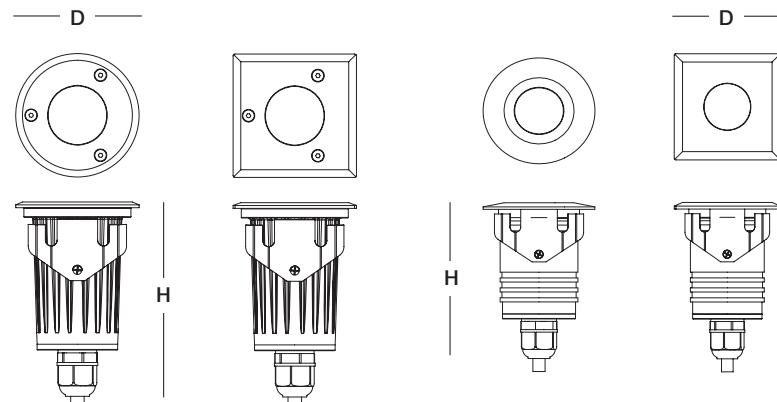
Accessories

2-way connector - 6/9mm IP68 (code 69C2)
3-way connector - 8/11mm IP68 (code 811C3)

Regulations

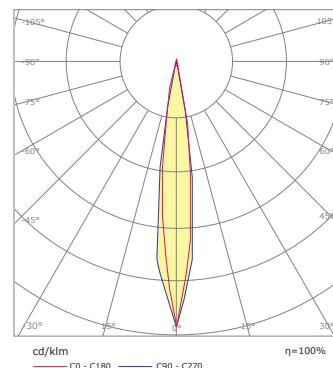
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Driveover Round/Square		Walkover Round/Square		
5W	9W	5W	9W	
H [mm]	57	70	51	65
L [mm]	101	114	94	111
D [mm]	64	79	64	79



DRIVEOVER
Round and Square

WALKOVER
Round and Square



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Omma Drop Down

FLUSH-MOUNTING LED SPOTLIGHTS
WITH HIGH IP RATING



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FLUSH-MOUNTING SPOTLIGHT

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]	APPLICATION	SHAPE
ODD0605113DC	5	3000	110	Driveover	Round
ODD0605114DC	5	4000	110	Driveover	Round
ODD0605113DQ	5	3000	110	Driveover	Square
ODD0605114DQ	5	4000	110	Driveover	Square
ODD0709113DC	9	3000	110	Driveover	Round
ODD0709114DC	9	4000	110	Driveover	Round
ODD07091130DQ	9	3000	110	Driveover	Square
ODD07091140DQ	9	4000	110	Driveover	Square
ODD0605113WC	5	3000	110	Walkover	Round
ODD0605114WC	5	4000	110	Walkover	Round
ODD0605113WQ	5	3000	110	Walkover	Square
ODD0605114WQ	5	4000	110	Walkover	Square
ODD0709113WC	9	3000	110	Walkover	Round
ODD0709114WC	9	4000	110	Walkover	Round
ODD07091130WQ	9	3000	110	Walkover	Square
ODD07091140WQ	9	4000	110	Walkover	Square

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Omma Drop Down range

FLUSH-MOUNTING LED SPOTLIGHTS

WITH HIGH IP RATING

Omma Drop Down

PRODUCT	CODE	EURO
Omma Drop Down Driveover Round 5W Warm	ODD0605113DC	€ 60,02
Omma Drop Down Driveover Round 5W Neutral	ODD0605114DC	€ 60,02
Omma Drop Down Driveover Square 5W Warm	ODD0605113DQ	€ 62,17
Omma Drop Down Driveover Square 5W Neutral	ODD0605114DQ	€ 62,17
Omma Drop Down Driveover Round 9W Warm	ODD0709113DC	€ 78,10
Omma Drop Down Driveover Round 9W Neutral	ODD0709114DC	€ 78,10
Omma Drop Down Driveover Square 9W Warm	ODD0709113DQ	€ 80,86
Omma Drop Down Driveover Square 9W Neutral	ODD0709114DQ	€ 80,86
Omma Drop Down Walkover Round 5W Warm	ODD0605113WC	€ 89,85
Omma Drop Down Walkover Round 5W Neutral	ODD0605114WC	€ 89,85
Omma Drop Down Walkover Square 5W Warm	ODD0605113WQ	€ 93,08
Omma Drop Down Walkover Square 5W Neutral	ODD0605114WQ	€ 93,08
Omma Drop Down Walkover Round 9W Warm	ODD0709113WC	€ 113,71
Omma Drop Down Walkover Round 9W Neutral	ODD0709114WC	€ 113,71
Omma Drop Down Walkover Square 9W Warm	ODD0709113WQ	€ 116,33
Omma Drop Down Walkover Square 9W Neutral	ODD0709114WQ	€ 116,33

Accessories

PRODUCT	CODE	EURO
2-way connector - 6/9mm IP68	69C2	€ 7,68
3 -way connector - 8/11mm IP68	811C3	€ 12,92

Omma Square range

MULTIPLE FLUSH-MOUNTING LED SPOTLIGHTS



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FLUSH-MOUNTING SPOTLIGHT

Lighting characteristics

The **Omma Square** lights are ideal for the tertiary and residential sectors. They're designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption. The optic of these models can be orientated to obtain different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamp is made using the best technologies. A die-cast aluminium body with a polycarbonate or glass lens - both elements particularly robust. The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings. Modular configurations are possible, with 1-3 lamps depending on the power level.

Electrical characteristics

The lamps of the **Omma Square** range have an insulated driver that's installed externally. Electronic wiring, 85/265V-50/60Hz. Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-
4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP20. Can be installed on normally inflammable surfaces.

Applications

The lights of the **Omma Square** range are suitable for applications requiring flush-mounting installation, in particular for department stores and prestigious commercial premises. The characteristics of the body make it perfect for installation even in indoor environments with particular lighting needs.

On request

Electronic wiring that can be dimmed 0-10V/DALI.

Omma Square

MULTIPLE FLUSH-MOUNTING LED SPOTLIGHTS



Lighting characteristics

Light intensity: > 85%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in aluminium

Protective polycarbonate shield

International Protection Class IP20

Shock Protection IK08 (EN60529)

Electrical characteristics

AC input: 85/265V - 50/60Hz

Power factor: >0.90

Lamp characteristics

COB LED chip

CRI Ra>80

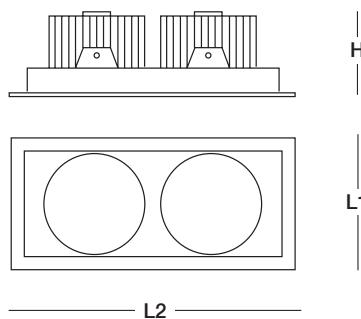
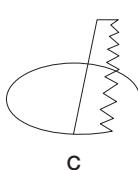
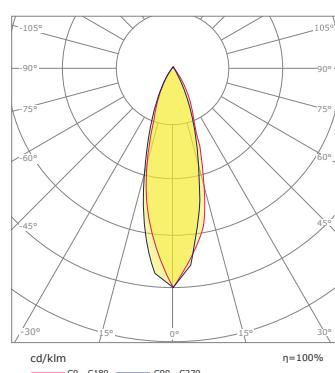
Accessories

Dimming 0-10V/DALI (sub-code D)

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

Lamps number	x 1		2 x		3 x
	9W	30W	18W	60W	27W
C1 [mm]	100	170	100	170	100
C2 [mm]	100	170	200	378	285
L1 [mm]	113	181	113	181	113
L2 [mm]	113	181	216	391	300
H [mm]	80	97	80	97	80



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Omma Square

MULTIPLE FLUSH-MOUNTING LED SPOTLIGHTS



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FLUSH-MOUNTING SPOTLIGHT

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
QQ1012082781	9	2700	80
QQ1012084581	9	4500	80
QQ1012085581	9	5500	80
QQ2024082782	18	2700	80
QQ2024084582	18	4500	80
QQ2024085582	18	5500	80
QQ2836082783	27	2700	80
QQ2836084583	27	4500	80
QQ2836085583	27	5500	80
QQ1735082781	30	2700	70
QQ1735084581	30	4500	70
QQ1735085581	30	5500	70
QQ3870082782	60	2700	70
QQ3870084582	60	4500	70
QQ3870085582	60	5500	70

Omma Square range

MULTIPLE FLUSH-MOUNTING LED SPOTLIGHTS

Omma Square

PRODUCT	CODE	EURO	PRODUCT	CODE	EURO
Omma Square 100x100mm 9W Warm	OQ1009082781	€ 34,97	Omma Square 170x170mm 30W Warm Dimm	OQ1730072781D	€ 132,98
Omma Square 100x100mm 9W Neutral	OQ1009084581	€ 34,97	Omma Square 170x170mm 30W Neutral Dimm	OQ1730074581D	€ 132,98
Omma Square 100x100mm 9W Cool	OQ1009085581	€ 34,97	Omma Square 170x170mm 30W Cool Dimm	OQ1730075581D	€ 132,98
Omma Square 200x100mm 18W Warm	OQ2018082782	€ 64,80	Omma Square 378x170mm 60W Warm Dimm	OQ3860072782D	€ 201,26
Omma Square 200x100mm 18W Neutral	OQ2018084582	€ 64,80	Omma Square 378x170mm 60W Neutral Dimm	OQ3860074582D	€ 201,26
Omma Square 200x100mm 18W Cool	OQ2018085582	€ 64,80	Omma Square 378x170mm 60W Cool Dimm	OQ3860075582D	€ 201,26
Omma Square 285x100mm 27W Warm	OQ2827082783	€ 94,05			
Omma Square 285x100mm 27W Neutral	OQ2827084583	€ 94,05			
Omma Square 285x100mm 27W Cool	OQ2827085583	€ 94,05			
Omma Square 170x170mm 30W Warm	OQ1730072781	€ 79,07			
Omma Square 170x170mm 30W Neutral	OQ1730074581	€ 79,07			
Omma Square 170x170mm 30W Cool	OQ1730075581	€ 79,07			
Omma Square 378x170mm 60W Warm	OQ3860072782	€ 147,35			
Omma Square 378x170mm 60W Neutral	OQ3860074582	€ 147,35			
N+ Omma Square 378x170mm 60W Cool	OQ3860075582	€ 147,35			

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Omma Square 100x100mm 9W Warm Dimm	OQ1009082781D	€ 70,91
Omma Square 100x100mm 9W Neutral Dimm	OQ1009084581D	€ 70,91
Omma Square 100x100mm 9W Cool Dimm	OQ1009085581D	€ 70,91
Omma Square 200x100mm 18W Warm Dimm	OQ2018082782D	€ 100,74
Omma Square 200x100mm 18W Neutral Dimm	OQ2018084582D	€ 100,74
Omma Square 200x100mm 18W Cool Dimm	OQ2018085582D	€ 100,74
Omma Square 285x100mm 27W Warm Dimm	OQ2827082783D	€ 129,99
Omma Square 285x100mm 27W Neutral Dimm	OQ2827084583D	€ 129,99
Omma Square 285x100mm 27W Cool Dimm	OQ2827085583D	€ 129,99

Gypso range

FLUSH-MOUNTING SPOTLIGHT-HOLDERS IN PLASTER



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Lighting characteristics

The spotlight-holders of the **Gypso** range are designed for indoor use. They're designed for decorative solutions for prestigious interiors, but also ensure minimum energy consumption. Supplied as standard with a lamp-holder to suit a variety of lighting requirements.

Physical/mechanical characteristics

The lamp-holder uses the best technologies available and is made of ceramic plaster; the lens, if present, is made of polycarbonate. The lamp comes in various sizes so it can be flush-mounted in shallow false ceilings.

Electrical characteristics

The **Gypso** spotlight-holders are fitted with a Gu10 or AR111 lamp-holder that can be powered at 220V AC or 12V DC. Power factor > 0.90.

Compliance with standards EN 60838 - CEI EN 60598-1.

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-
11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006),
EN 60838. International Protection Class IP20. Can be
installed on normally inflammable surfaces.

Applications

The **Gypso** range is ideal for applications requiring flush-mounting lighting in indoor contexts.

On request

Gu10 or AR111 lamp supplied upon request.

Gypso range

FLUSH-MOUNTING SPOTLIGHT-HOLDERS
IN PLASTER

90

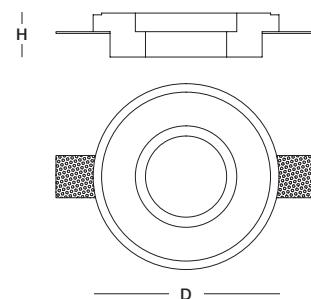
FLUSH-MOUNTING SPOTLIGHT-HOLDERS



GY1004031C

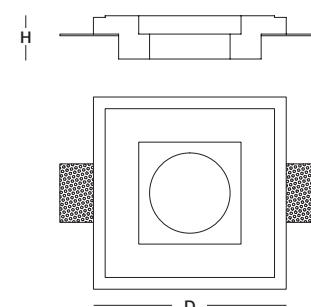
GY1304051C

D [mm]	100	100
H [mm]	30	45
Cap	Gu10	Gu10
Pmax [W]	35	35



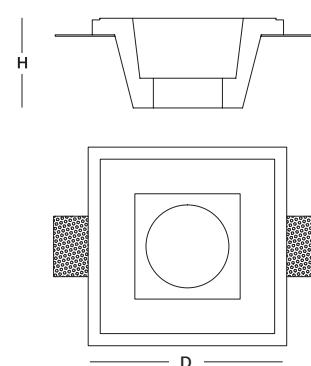
GY1004031Q

P [mm]	100
L [mm]	100
H [mm]	30
Cap	Gu10
Pmax [W]	35



GY1204061Q

P [mm]	120
L [mm]	120
H [mm]	60
Cap	Gu10
Pmax [W]	35



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Gypso range

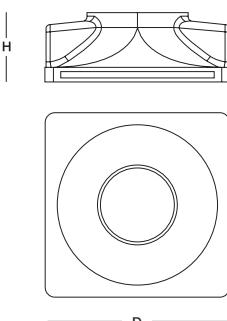
FLUSH-MOUNTING SPOTLIGHT-HOLDERS
IN PLASTER



91

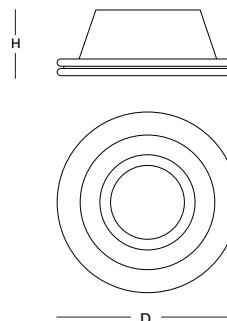
GY1204051Q

P [mm]	120
L [mm]	120
H [mm]	45
Cap	Gu10
Pmax [W]	35



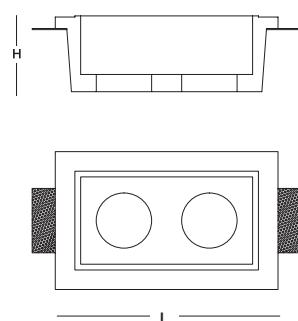
GY2010081C

D [mm]	200
H [mm]	75
Cap	AR111
Pmax [W]	100



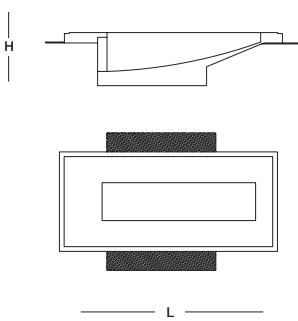
GY2510062Q

P [mm]	150
L [mm]	250
H [mm]	60
Cap	AR111
Pmax [W]	100



GY3510062Q

P [mm]	100
L [mm]	350
H [mm]	73
Cap	Gu10
Pmax [W]	35



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Gypso range

FLUSH-MOUNTING SPOTLIGHT-HOLDERS
IN PLASTER

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FLUSH-MOUNTING SPOTLIGHT

Gypso

PRODUCT	CODE	EURO
Gypso Ø100x30mm max 35W	GY1004031C	€ 8,59
Gypso Ø130x45mm max 35W	GY1304051C	€ 10,76
Gypso 100x100x30mm max 35W	GY1004031Q	€ 8,59
Gypso 120x120x60mm max 35W	GY1204061Q	€ 10,76
Gypso 120x120x45mm max 35W	GY1204051Q	€ 10,76
Gypso Ø200x75mm max 100 W	GY2010081C	€ 27,66
Gypso 250x150x60mm max 100W	GY2510062Q	€ 23,05
Gypso Ø350x100mm max 35W	GY3510062Q	€ 33,49

Special versions available only for GY1204061Q

PRODUCT	CODE	EURO
With frosted glass	GY1204061Q-sat	€ 11,98
Inclined	GY1204061Q-inc	€ 13,83

Commercial ceiling lights

POLO
lighting solutions

Kelon range

COMMERCIAL CEILING LIGHTS



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Lighting characteristics

The lights of the **Kelon** range are designed for decorative solutions for prestigious interiors or exteriors. The system ensures extremely easy maintenance and the minimum energy consumption. The optic can be adjusted to obtain different flux angles for particular lighting needs.

Physical/mechanical characteristics

These lamps are made using the best technologies available. They're in die-cast aluminium (painted) with a lens in polycarbonate. The **Kelon Square** model also offers design solutions in plaster or with a cement effect.

Electrical characteristics

The lamps of the **Kelon** range have an insulated driver that's installed internally.
Electronic wiring, 85/265VAC-50/60Hz.
Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-
11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt"

(EN 62471:2006). International Protection Class IP44,
IP65 upon request, IP68.

Can be installed on normally inflammable surfaces.

Applications

The **Kelon** range is ideal for applications requiring decorative lighting, especially in indoor domestic and commercial contexts. The characteristics of the body make it perfect for installation even in outdoor environments with particular lighting needs.

On request

Electronic wiring that can be dimmed 0-10V/DALI.
Special finishes available upon request.

Kelon Square

COMMERCIAL CEILING LIGHTS



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Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Adjustable angle for KS060710800 and KS100710800 models; 45° for the others

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium (painted) / ceramic plaster
Polycarbonate shield

International Protection Class IP44

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 90/260V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

Accessories

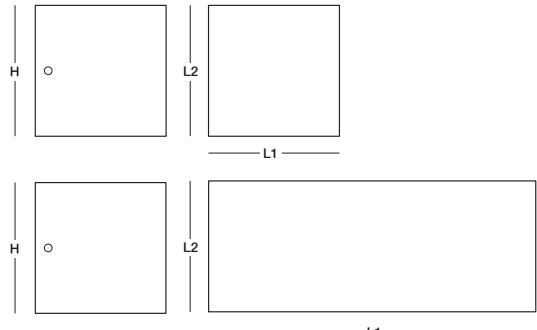
Dimming 0-10V/DALI (sub-code D)

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-14-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

KS050710805/KS060710800/KS100710800 KS050725805

L1 [mm]	100	250
L2 [mm]	100	100
H [mm]	100	100



CODE POWER [W] COLOUR [K] EFFICIENCY [lm/W]

KS050710805	5	2900	70
KS060710800	6	2900	80
KS100710800	10	2900	70
KS050725805	10	2900	70



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Kelon Round

COMMERCIAL CEILING LIGHTS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium (painted) / ceramic plaster

Polycarbonate shield

International Protection Class IP44

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 90/260V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

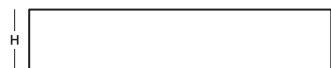
Accessories

Dimming 0-10V/DALI (sub-code D)

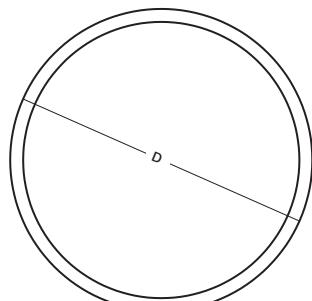
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	18W	25W
D [mm]	290	350
H [mm]	70	70



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KR180729812	18	2900	70
KR180745812	18	4500	70
KR250729812	25	2900	70
KR250745812	25	4500	70



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Kelon range

COMMERCIAL CEILING LIGHTS

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COMMERCIAL CEILING LIGHTS

Kelon Square

PRODUCT	CODE	EURO
Kelon Square 45° 5W Warm	KS050710805	€ 44,56
Kelon Square °adjustable 6W IP65 Warm	KS060710800	€ 66,07
Kelon Square °adjustable 10W Warm	KS100710800	€ 93,03
Kelon Square 45° 10W Warm	KS050725805	€ 73,75

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kelon Square 45° 5W Warm	KS050710805D	€ 79,48
Kelon Square °adjustable 6W IP65 Warm	KS060710800D	€ 100,99
Kelon Square °adjustable 10W Warm	KS100710800D	€ 127,95
Kelon Square 45° 10W Warm	KS050725805D	€ 108,67

Kelon Round

PRODUCT	CODE	EURO
Kelon Round 18W Warm	KR180729812	€ 48,85
Kelon Round 18W Neutral	KR180745812	€ 48,85
Kelon Round 25W Warm	KR250729812	€ 67,29
Kelon Round 25W Neutral	KR250745812	€ 67,29

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kelon Round 18W Warm Dimm	KR180729812D	€ 83,77
Kelon Round 18W NeutralDimm	KR180745812D	€ 83,77
Kelon Round 25W Warm Dimm	KR250729812D	€ 102,21
Kelon Round 25W Neutral Dimm	KR250745812D	€ 102,21

Kineos range

BINARY SPOTLIGHTS



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BINARY SPOTLIGHTS

Lighting characteristics

The lights of the **Kineos** range are designed for decorative solutions for prestigious interiors or exteriors. The system ensures extremely easy maintenance and the minimum energy consumption.

The optic can be adjusted to obtain different flux angles for particular lighting needs.

Physical/mechanical characteristics

The lamps use the best technologies available and are made of die-cast aluminium (painted), with a lens in polycarbonate. Colour: white or black.

Electrical characteristics

The lamps of the **Kineos** range have an insulated driver that's installed internally. Three-phase electronic wiring, 85/265VAC-50/60Hz. Power factor > 0.90. Compliance ± with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-
11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP44, IP65 upon request, IP68. Can be installed on normally inflammable surfaces.

Applications

The **Kineos** range is ideal for applications requiring decorative lighting, especially in indoor domestic and commercial contexts.

On request

Electronic wiring that can be dimmed 0-10V/DALI.
Special optics available upon request. Colour: white or black.

Kineos

BINARY SPOTLIGHTS



Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Adjustable angle for KS060710800 and KS100710800 models; 45° for the others

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium (painted)

Polycarbonate lens

International Protection Class IP20

Electrical characteristics

AC input: 85/265V - 50/60Hz. Power factor: >0.90

Lamp characteristics

COB LED chip

CRI Ra>80

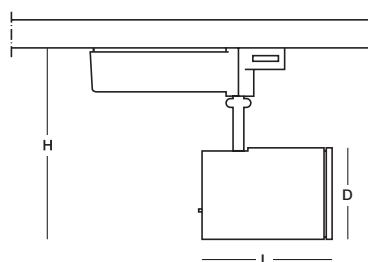
Accessories

Dimming 0-10V/DALI (sub-code D)

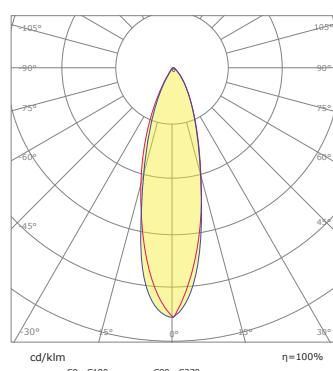
Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	18W	35W	45W
L [mm]	97	97	210
D [mm]	75	75	167
H [mm]	126	126	126



CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]
KI180827860	18	2700	80
KI180840860	18	4000	80
KI350827860	35	2700	80
KI350840860	35	4000	80
KI450827860	45	2700	80
KI450840860	45	4000	80



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Kineos range

BINARY SPOTLIGHTS

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BINARY SPOTLIGHTS

Kineos

PRODUCT	CODE	EURO
Kineos trifase 60° 18W Warm	KI180827860	€ 98,34
Kineos trifase 60° 18W Neutral	KI180840860	€ 98,34
Kineos trifase 60° 35W Warm	KI350827860	€ 152,11
Kineos trifase 60° 35W Neutral	KI350840860	€ 152,11
Kineos trifase 60° 45W Warm	KI450827860	€ 190,21
Kineos trifase 60° 45W Neutral	KI450840860	€ 190,21

With 0-10V/DALI dimming system (sub-code D)

PRODUCT	CODE	EURO
Kineos trifase 60° 18W Warm Dimm	KI180827860D	€ 133,26
Kineos trifase 60° 18W Neutral Dimm	KI180840860D	€ 133,26
Kineos trifase 60° 35W Warm Dimm	KI350827860D	€ 204,49
Kineos trifase 60° 35W Neutral Dimm	KI350840860D	€ 204,49
Kineos trifase 60° 45W Warm Dimm	KI450827860D	€ 242,59
Kineos trifase 60° 45W Neutral Dimm	KI450840860D	€ 242,59

Accessories

PRODUCT	CODE	EURO
Three-phase rail 1m, white/black	B1M	€ 33,49
Connection for three-phase power supply, white/black	IR3F	€ 7,68
Flexible three-phase connection, white/black	IF3F	€ 16,90
I-coupling three-phase connection, white/black	G23F	€ 6,15
T-coupling three-phase connection, white/black	G33F	€ 9,18
X-coupling three-phase connection, white/black	G43F	€ 15,99
L-coupling three-phase connection, white/black	GL23F	€ 9,18
Kit cavo sospensione white/black	P13F	€ 9,22

Commercial profiles

POLO
lighting solutions

Gramma range

COMMERCIAL PROFILES



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Lighting characteristics

The lights of the **Gramma** range are designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption.

Physical/mechanical characteristics

The lamps use the best technologies available and are made of die-cast aluminium (left bare or painted), with a lens in polycarbonate.

Colour: white, black or aluminium.

Electrical characteristics

The lamps of the **Gramma** range have an insulated driver that's installed internally.

Electronic wiring, 110/240VAC-50/60Hz.

Power factor > 0.90. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with EN standards
EN55015:2013, EN61547:2009, EN61000-3-
2:2006+A1:2009+A2:2009, EN61000-3-3:2013,
EN61000-4-2:2009, EN61000-4-3:2006+A2:2010,
EN61000-4-4:2004+A1:2010, EN61000-4-5:2006,
EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-
11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008,
EN 62031:2008, IEC62321:2013, EN60529:1992, EN
62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006).
International Protection Class IP40.
Can be installed on normally inflammable surfaces.

Applications

The **Gramma** range is ideal for applications requiring decorative lighting, especially in indoor domestic and commercial contexts.

On request

Electronic wiring that can be dimmed 0-10V/DALI.

Special optics available upon request.

Colour: white, black, aluminium (standard).

Gramma Out

COMMERCIAL PROFILES



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COMMERCIAL PROFILES

Lighting characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Angle: 120° (low flux only); 240° (high-low flux)

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium (painted)

Polycarbonate lens - International Protection Class IP40.

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 110/240V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

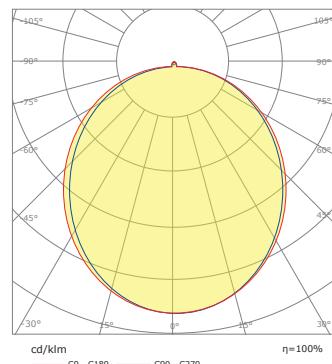
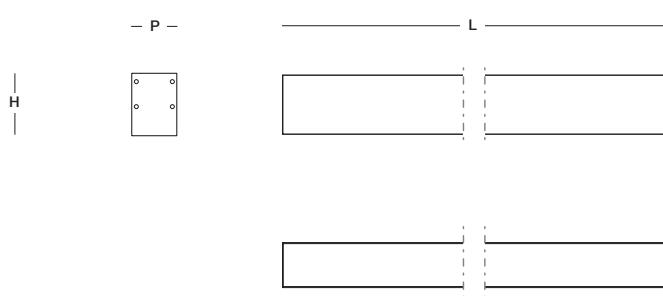
Accessories

Dimming 0-10V/DALI (sub-code D), suspension cable kit (code 15P2), extension connection (code 1511), 90° L joint 6/15W (codes L0690/L1590), 120° L joint 6/15W (codes L06120/L15120), 90° T joint 10/20W (codes T1090/T2090), 120° T joint 10/20W (codes T10120/T20120)

Regulations

Produced in accordance with standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

20W - 600	30W - 900	40W - 1200	40/70W - 1500
590	890	1190	1490
54	54	54	54
75	75	75	75



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



Gramma Out

COMMERCIAL PROFILES



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COMMERCIAL PROFILES

CODE	POWER [W]	COLOUR [K]	ANGLE [°]	EFFICIENCY [lm/W]
G020102781206	20	2700	120	100
G020104081206	20	4000	120	100
G030102781209	30	2700	120	100
G030104081209	30	4000	120	100
G040102781212	40	2700	120	100
G040104081212	40	4000	120	100
G040102781215	40	2700	120	100
G040104081215	40	4000	120	100
G060102781215	60	2700	120	100
G060104081215	60	4000	120	100
G050102782415	50	2700	240	100
G050104082415	50	4000	240	100
G070102782415	70	2700	240	100
G070104082415	70	4000	240	100

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Gramma In

COMMERCIAL PROFILES



Electrical characteristics

Light intensity: > 95%

Lifespan (L80): 50,000 h (Tp: 60°)

Angle: 120°; 80°

Photobiological Risk Group RG0 ("Exempt") (EN 62471:2006)

Mechanical characteristics

Body in die-cast aluminium (painted)

Polycarbonate lens - International Protection Class IP40.

Shock Protection IK06 (EN60529)

Electrical characteristics

AC input: 110/240V - 50/60Hz

Power factor: >0.90

Lamp characteristics

SMD LED chip. CRI Ra>80

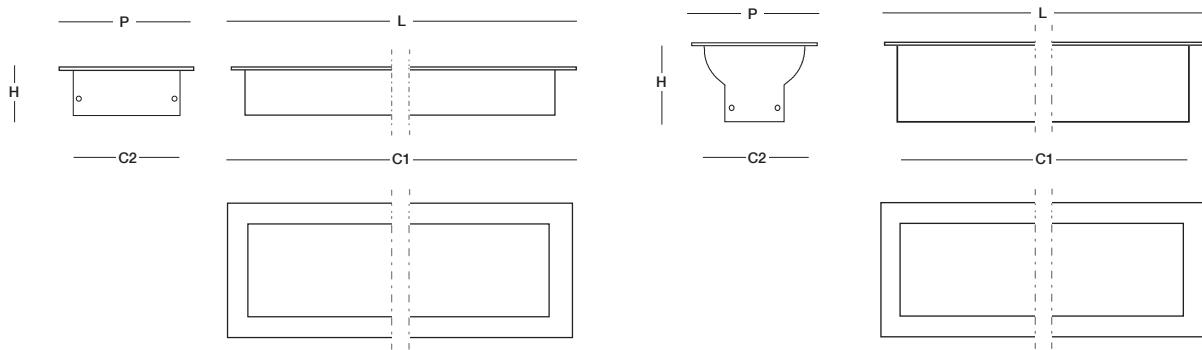
Accessories

Dimming 0-10V/DALI (sub-code D)

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

	30W 600 120°	30W 600 80°	30W 900 120°	30W 900 80°	40W 1200 120°	40W 1200 80°	60W 1500 120°	60W 1500 80°
L [mm]	620	620	915	915	1207	1207	1507	1507
P [mm]	70	130	70	130	130	130	130	130
H [mm]	37	75	37	75	45	75	45	75
C1 [mm]	610	610	905	905	1197	1197	1497	1497
C2 [mm]	60	110	60	110	110	110	110	110



The data have a tolerance level of +/-10% and are subject to modification without prior notice.
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Gramma In

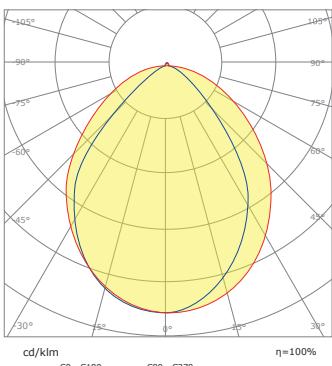
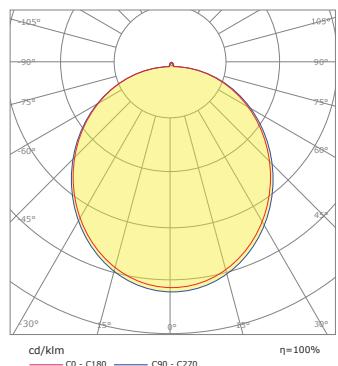
COMMERCIAL PROFILES



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COMMERCIAL PROFILES

CODE	POWER [W]	COLOUR [K]	ANGLE [°]	EFFICIENCY [lm/W]
GI30102781206	30	2700	120	100
GI30104081206	30	4000	120	100
GI30102780806	30	2700	80	100
GI30104080806	30	4000	80	100
GI30102781209	30	2700	120	100
GI30104081209	30	4000	120	100
GI30102780809	30	2700	80	100
GI30104080809	30	4000	80	100
GI40102781212	40	2700	120	100
GI40104081212	40	4000	120	100
GI40102780812	40	2700	80	100
GI40104080812	40	4000	80	100
GI60102781215	60	2700	120	100
GI60104081215	60	4000	120	100
GI60102780815	60	2700	80	100
GI60104080815	60	4000	80	100



The data have a tolerance level of +/- 10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



Gramma range

COMMERCIAL PROFILES

Gramma Out

PRODUCT	CODE	EURO
Gramma Out 600 120° 20W Warm	GO20102781206	€ 57,50
Gramma Out 600 120° 20W Neutral	GO20104081206	€ 57,50
Gramma Out 900 120° 30W Warm	GO30102781209	€ 70,80
Gramma Out 900 120° 30W Neutral	GO30104081209	€ 70,80
Gramma Out 1200 120° 40W Warm	GO40102781212	€ 80,86
Gramma Out 1200 120° 40W Neutral	GO40104081212	€ 80,86
Gramma Out 1500 120° 60W Warm	GO60102781215	€ 134,41
Gramma Out 1500 120° 60W Neutral	GO60104081215	€ 134,41
Gramma Out 1500 240° 70W Warm	GO70102782415	€ 156,33
Gramma Out 1500 240° 70W Neutral	GO70104082415	€ 156,33

With 0-10V dimming system (sub-code D)

PRODUCT	CODE	EURO
Gramma Out 600 120° 20W Warm Dimm	GO20102781206D	€ 93,44
Gramma Out 600 120° 20W Neutral Dimm	GO20104081206D	€ 93,44
Gramma Out 900 120° 30W Warm Dimm	GO30102781209D	€ 124,71
Gramma Out 900 120° 30W Neutral Dimm	GO30104081209D	€ 124,71
Gramma Out 1200 120° 40W Warm Dimm	GO40102781212D	€ 134,77
Gramma Out 1200 120° 40W Neutral Dimm	GO40104081212D	€ 134,77
Gramma Out 1500 120° 60W Warm Dimm	GO60102781215D	€ 188,32
Gramma Out 1500 120° 60W Neutral Dimm	GO60104081215D	€ 188,32
Gramma Out 1500 240° 70W Warm Dimm	GO70102782415D	€ 210,24
Gramma Out 1500 240° 70W Neutral Dimm	GO70104082415D	€ 210,24

Gramma Out accessories

PRODUCT	CODE	EURO
Wire suspension with 2 cables	15P2	€ 11,86
Connection for extension	15I1	€ 2,01
Junction L 90° - 6W	L0690	€ 21,74
Junction L 90° - 15W	L1590	€ 32,61
Junction T 90° - 10W	T1090	€ 27,67
Junction T 90° - 20W	T2090	€ 41,51
Junction L 120° - 6W	L06120	€ 21,74
Junction L 120° - 15W	L15120	€ 32,61
Junction T 120° - 10W	T10120	€ 27,67
Junction T 120° - 20W	T20120	€ 41,51

Gramma range

COMMERCIAL PROFILES

Gramma In

PRODUCT	CODE	EURO	PRODUCT	CODE	EURO
Gramma In 600 120° 30W Warm	GI30102781206	€ 57,50	Gramma In 1200 80° 40W Warm Dimm	GI40102780812D	€ 140,52
Gramma In 600 120° 30W Neutral	GI30104081206	€ 57,50	Gramma In 1200 80° 40W Neutral Dimm	GI40104080812D	€ 140,52
Gramma In 600 80° 30W Warm	GI30102780806	€ 69,36	Gramma In 1500 120° 60W Warm Dimm	GI60102781215D	€ 156,34
Gramma In 600 80° 30W Neutral	GI30104080806	€ 69,36	Gramma In 1500 120° 60W Neutral Dimm	GI60104081215D	€ 156,34
Gramma In 900 120° 30W Warm	GI30102781209	€ 65,41	Gramma In 1500 80° 60W Warm Dimm	GI60102780815D	€ 180,06
Gramma In 900 120° 30W Neutral	GI30104081209	€ 65,41	Gramma In 1500 80° 60W Neutral Dimm	GI60104080815D	€ 180,06
Gramma In 900 80° 30W Warm	GI30102780809	€ 77,27			
Gramma In 900 80° 30W Neutral	GI30104080809	€ 77,27			
Gramma In 1200 120° 40W Warm	GI40102781212	€ 73,32			
Gramma In 1200 120° 40W Neutral	GI40104081212	€ 73,32			
Gramma In 1200 80° 40W Warm	GI40102780812	€ 86,61			
Gramma In 1200 80° 40W Neutral	GI40104080812	€ 86,61			
Gramma In 1500 120° 60W Warm	GI60102781215	€ 102,43			
Gramma In 1500 120° 60W Neutral	GI60104081215	€ 102,43			
Gramma In 1500 80° 60W Warm	GI60102780815	€ 126,15			
Gramma In 1500 80° 60W Neutral	GI60104080815	€ 126,15			

With 0-10V dimming system (sub-code D)

PRODUCT	CODE	EURO
Gramma In 600 120° 30W Warm Dimm	GI30102781206D	€ 111,41
Gramma In 600 120° 30W Neutral Dimm	GI30104081206D	€ 111,41
Gramma In 600 80° 30W Warm Dimm	GI30102780806D	€ 123,27
Gramma In 600 80° 30W Neutral Dimm	GI30104080806D	€ 123,27
Gramma In 900 120° 30W Warm Dimm	GI30102781209D	€ 119,32
Gramma In 900 120° 30W Neutral Dimm	GI30104081209D	€ 119,32
Gramma In 900 80° 30W Warm Dimm	GI30102780809D	€ 131,18
Gramma In 900 80° 30W Neutral Dimm	GI30104080809D	€ 131,18
Gramma In 1200 120° 40W Warm Dimm	GI40102781212D	€ 127,23
Gramma In 1200 120° 40W Neutral Dimm	GI40104081212D	€ 127,23

The prices indicated on this page refer to June 2017. This price list may be altered without prior notice.

Trokos range

LED STRIPS



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LED STRIPS

Lighting characteristics

The lights of the **Trokos** range are designed for decorative solutions for prestigious interiors. The system ensures extremely easy maintenance and the minimum energy consumption. They can be either bare or with transparent or opaque optics, with different lighting solutions (including RGB).

Physical/mechanical characteristics

The lamps use the best technologies available and are sold in standard 5-metre coils. The strips are supplied bare, with a polycarbonate lens or an extruded aluminium profile.

Electrical characteristics

The lamps of the **Trokos** range are supplied alone, or with an insulated driver (to be installed externally). Various controls are available, both for dimming and for RGB. Electronic wiring 12-24VDC. Compliance with standards IEC 60598-1 - CEI EN 60598-1.

Regulations

Produced in accordance with standards N55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1.

Photobiological Risk Group "Exempt" (EN 62471:2006). International Protection Class IP44, IP65 upon request, IP68. Can be installed on normally inflammable surfaces.

Applications

The **Trokos** range is ideal for applications requiring decorative lighting, especially in indoor domestic and commercial contexts.

Thanks to the possibility to insert additional optics and diffuser profiles, it can be used in bespoke solutions for every type of application.

On request

Standard electronic wiring that can be dimmed 0-10V/DALI, RGB control, WiFi, Bluetooth. Extruded aluminium profiles 1000/2000 millimetres. Special optics available upon request.

Trokos range

LED STRIPS



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LED STRIPS

Lighting characteristics

Light intensity: > 95%
Lifespan (L80): 50,000 h (Tp: 60°)
Angle: 120°
Photobiological Risk Group RG0 ("Exempt")
(EN 62471:2006)

Mechanical characteristics

Profiles in die-cast aluminium
Polycarbonate lens
International Protection Class IP20/IP65-IP67

Electrical characteristics

DC input: 12-24V

Lamp characteristics

SMD LED chip
CRI Ra>80

Accessories

Various profiles with different optics
Power supply units and control drivers

Regulations

Produced in accordance with EN standards EN55015:2013, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-4-6:2009, EN61000-4-8:2010, EN61000-4-11:2004, EN 60598-1:2008+A11:2009, EN 62471:2008, EN 62031:2008, IEC62321:2013, EN60529:1992, EN 62262:2002, EN 12464-1

5 METRE LED STRIP 12V

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]	CHIP SIZE [mm]	STRIP HEIGHT [mm]	AVAILABILITY OF IP65/67	AVAILABILITY OF RGB
TR02082683512	24	2600	75	3.5 x 2.8	8	YES	NO
TR02084583512	24	4500	75	3.5 x 2.8	8	YES	NO
TR02086083512	24	6000	75	3.5 x 2.8	8	YES	NO
TR05082683512	48	2600	75	3.5 x 2.8	8	YES	NO
TR05084583512	48	4500	75	3.5 x 2.8	8	YES	NO
TR05086083512	48	6000	75	3.5 x 2.8	8	YES	NO
TR07083085012	72	3000	75	5 x 5	13	YES	YES
TR07084585012	72	4500	75	5 x 5	13	YES	YES
TR07086085012	72	6000	75	5 x 5	13	YES	YES

The data have a tolerance level of +/-10% and are subject to modification without prior notice.
The pictures and dimensional parameters are merely an indication, and may differ from the end product.



Trokos range

LED STRIPS



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LED STRIPS

5 METRE LED STRIP 24V

CODE	POWER [W]	COLOUR [K]	EFFICIENCY [lm/W]	CHIP SIZE [mm]	STRIP HEIGHT [mm]	AVAILABILITY OF IP65/67	AVAILABILITY OF RGB
TR19113085624	190	3000	105	5.6 x 3	10	NO	NO
TR19114585624	190	4500	105	5.6 x 3	10	NO	NO
TR19116085624	190	6000	105	5.6 x 3	10	NO	NO
TR09123092824	90	3000	120	2.8 x 3.5	10	YES	NO
TR09124592824	90	4500	120	2.8 x 3.5	10	YES	NO
TR09126092824	90	6000	120	2.8 x 3.5	10	YES	NO
TR13113092824	130	3000	115	2.8 x 3.5	10	YES	NO
TR13114592824	130	4500	115	2.8 x 3.5	10	YES	NO
TR13116092824	130	6000	115	2.8 x 3.5	10	YES	NO
TR06103093024	60	3000	100	3 x 1.4	10	YES	NO
TR06104593024	60	4500	100	3 x 1.4	10	YES	NO
TR06106093024	60	6000	100	3 x 1.4	10	YES	NO
TR10083083524	96	3000	75	3.5 x 2.8	10	NO	NO
TR10084583524	96	4500	75	3.5 x 2.8	10	NO	NO
TR10086083524	96	6000	75	3.5 x 2.8	10	NO	NO
TR07083085024	72	3000	75	5 x 5	10	YES	YES
TR07084585024	72	4500	75	5 x 5	10	YES	YES
TR07086085024	72	6000	75	5 x 5	10	YES	YES

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Trokos range

LED STRIPS

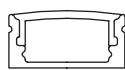


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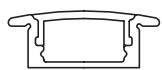
LED STRIPS

Profile

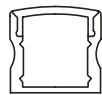
CODE	DESCRIPTION	PROFILE SIZE [mm]	DIM. [mm]	OPTIC	COMPATIBILITY
0626	CC-profile with covering	19 x 7.5	1000	transparent	3528-5050
1232		19 x 7.5	1000	opaque	3528-5050
0461	CC-profile for recessing	19 x 7.5	1000	transparent	3528-5050
1233		19 x 7.5	1000	opaque	3528-5050
1901	High CC-profile with covering	17 x 15	1000	transparent	3528-5050
1900		17 x 15	1000	opaque	3528-5050
1902	High CC-profile for recessing	17 x 15	1000	transparent	3528-5050
1903		17 x 15	1000	opaque	3528-5050
0751	Angle profile	18 x 18	1000	transparent	3528-5050
1242		18 x 18	1000	opaque	3528-5050
1898	Curved angle profile	16 x 16	1000	transparent	3528-5050
1899		16 x 16	1000	opaque	3528-5050
2107	CC-profile with covering	19 x 7.5	2000	transparent	3528-5050
1967		19 x 7.5	2000	opaque	3528-5050
2109	CC-profile for recessing	19 x 7.5	2000	transparent	3528-5050
2108		19 x 7.5	2000	opaque	3528-5050
2111	Angle profile	18 x 18	2000	transparent	3528-5050
2110		18 x 18	2000	opaque	3528-5050
2161	Curved angle profile	16 x 16	2000	transparent	3528-5050
2160		16 x 16	2000	opaque	3528-5050



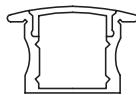
CC-profile with covering



CC-profile for recessing



High CC-profile with covering



High CC-profile for recessing



Angle profile



Curved angle profile

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Trokos range

LED STRIPS

Trokos

PRODUCT	CODE	EURO	PRODUCT	CODE	EURO
Trokos 190W 24V 5630 Warm	TR19113085624	€ 153,34	Trokos 48W 24V 3528 IP65 Cool	TR05086083524IP	€ 48,85
Trokos 190W 24V 5630 Neutral	TR19114585624	€ 153,34	Trokos 90W 24V 2835 IP65 Warm	TR09123092824IP	€ 82,66
Trokos 190W 24V 5630 Cool	TR19116085624	€ 153,34	Trokos 90W 24V 2835 IP65 Neutral	TR09124592824IP	€ 82,66
Trokos 90W 24V 2835 Warm	TR09123092824	€ 61,15	Trokos 90W 24V 2835 IP65 Cool	TR09126092824IP	€ 82,66
Trokos 90W 24V 2835 Neutral	TR09124592824	€ 61,15	Trokos 130W 24V 2835 IP65 Warm	TR13113092824IP	€ 82,66
Trokos 90W 24V 2835 Cool	TR09126092824	€ 61,15	Trokos 130W 24V 2835 IP65 Neutral	TR13114592824IP	€ 82,66
Trokos 130W 24V 2835 Warm	TR13113092824	€ 61,15	Trokos 130W 24V 2835 IP65 Cool	TR13116092824IP	€ 82,66
Trokos 130W 24V 2835 Neutral	TR13114592824	€ 61,15	Trokos 60W 24V 3014 IP65 Warm	TR06103093024IP	€ 82,66
Trokos 130W 24V 2835 Cool	TR13116092824	€ 61,15	Trokos 60W 24V 3014 IP65 Neutral	TR06104593024IP	€ 82,66
Trokos 60W 24V 3014 Warm	TR06103093024	€ 45,78	Trokos 60W 24V 3014 IP65 Cool	TR06106093024IP	€ 82,66
Trokos 60W 24V 3014 Neutral	TR06104593024	€ 45,78	Trokos 96W 24V 3528 IP65 Warm	TR10083083524IP	€ 48,85
Trokos 60W 24V 3014 Cool	TR06106093024	€ 45,78	Trokos 96W 24V 3528 IP65 Neutral	TR10084583524IP	€ 48,85
Trokos 96W 24V 3528 Warm	TR10083083524	€ 76,83	Trokos 96W 24V 3528 IP65 Cool	TR10086083524IP	€ 48,85
Trokos 96W 24V 3528 Neutral	TR10084583524	€ 76,83	Trokos 72W 24V 5050 IP65 Warm	TR07083085024IP	€ 59,92
Trokos 96W 24V 3528 Cool	TR10086083524	€ 76,83	Trokos 72W 24V 5050 IP65 Neutral	TR07084585024IP	€ 59,92
Trokos 72W 24V 5050 Warm	TR07083085024	€ 50,70	Trokos 72W 24V 5050 IP65 Cool	TR07086085024IP	€ 59,92
Trokos 72W 24V 5050 Neutral	TR07084585024	€ 50,70	Trokos 24W 12V 3528 IP65 Warm	TR02082683512IP	€ 36,56
Trokos 72W 24V 5050 Cool	TR07086085024	€ 50,70	Trokos 24W 12V 3528 IP65 Neutro	TR02084583512IP	€ 36,56
Trokos 24W 12V 3528 Warm	TR02082683512	€ 26,12	Trokos 24W 12V 3528 IP65 Cool	TR02086083512IP	€ 36,56
Trokos 24W 12V 3528 Neutral	TR02084583512	€ 26,12	Trokos 48W 12V 3528 IP65 Warm	TR05082683512IP	€ 48,85
Trokos 24W 12V 3528 Cool	TR02086083512	€ 26,12	Trokos 48W 12V 3528 IP65 Neutro	TR05084583512IP	€ 48,85
Trokos 48W 12V 3528 Warm	TR05082683512	€ 39,63	Trokos 48W 12V 3528 IP65 Cool	TR05086083512IP	€ 48,85
Trokos 48W 12V 3528 Neutral	TR05084583512	€ 39,63	Trokos 72W 12V 5050 IP65 Warm	TR07083085012IP	€ 59,92
Trokos 48W 12V 3528 Cool	TR05086083512	€ 39,63	Trokos 72W 12V 5050 IP65 Neutro	TR07084585012IP	€ 59,92
Trokos 72W 12V 5050 Warm	TR07083085012	€ 50,70	Trokos 72W 12V 5050 IP65 Cool	TR07086085012IP	€ 59,92
Trokos 72W 12V 5050 Neutral	TR07084585012	€ 50,70	Trokos 72W 24V 5050 RGB	TR070885024RGB	€ 50,70
Trokos 72W 12V 5050 Cool	TR07086085012	€ 50,70	Trokos 72W 24V 5050 Warm RGB	TR07083085024RGB	€ 69,14
Trokos 48W 24V 3528 IP65 Warm	TR05083083524IP	€ 48,85			
Trokos 48W 24V 3528 IP65 Neutral	TR05084583524IP	€ 48,85			

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Trokos range

LED STRIPS

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LED STRIPS

PRODUCT	CODE	EURO	PRODUCT	CODE	EURO
Trokos 72W 24V 5050 Neutral RGB	TR07084585024RGB	€ 69,14	Angle profile transparent covering 2m	2111	€ 16,90
Trokos 72W 24V 5050 Cool RGB	TR07086085024RGB	€ 69,14	Angle profile opaque covering 2m	2110	€ 16,90
Trokos 36W 12V 3528 RGB	TR040883512RGB	€ 35,34	Curved angle profile transparent covering 2m	2161	€ 17,81
Trokos 72W 12V 5050 RGB	TR070885012RGB	€ 50,70	Curved angle profile opaque covering 2m	2160	€ 17,81
Trokos 72W 24V 5050 RGB-IP65	TR070885024RGBIP	€ 59,92			
Trokos 72W 24V 5050 Warm RGB-IP65	TR07083085024RGBIP	€ 79,58			
Trokos 72W 24V 5050 Neutral RGB-IP65	TR07084585024RGBIP	€ 79,58			
Trokos 72W 24V 5050 Cool RGB-IP65	TR07086085024RGBIP	€ 79,58			
Trokos 36W 12V 3528 RGB-IP65	TR040883512RGBIP	€ 45,78			
Trokos 72W 12V 5050 RGB-IP65	TR070885012RGBIP	€ 59,92			

Accessories

PRODUCT	CODE	EURO
CC-profile transparent covering 1m	0626	€ 6,01
CC-profile opaque covering 1m	1232	€ 6,01
CC-profile for recessing transparent covering 1m	0461	€ 6,01
CC-profile for recessing opaque covering 1m	1233	€ 6,01
High CC-profile transparent covering 1m	1901	€ 8,90
High CC-profile opaque covering 1m	1900	€ 8,90
High CC-profile for recessing transparent covering 1m	1902	€ 8,90
High CC-profile for recessing opaque covering 1m	1903	€ 8,90
Angle profile transparent covering 1m	0751	€ 7,68
Angle profile opaque covering 1m	1242	€ 7,68
Curved angle profile transparent covering 1m	1898	€ 8,90
Curved angle profile opaque covering 1m	1899	€ 8,90
CC-profile transparent covering 2m	2107	€ 13,83
CC-profile opaque covering 2m	1967	€ 13,83
CC-profile for recessing transparent covering 2m	2109	€ 13,83
CC-profile for recessing opaque covering 2m	2108	€ 13,83

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POLO LIGHTING

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