

THEOS LUM GLASS SR/075

Part number 3113467



Description

LED catenary lighting luminaire, comprising:

- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Powder-polyester coated die-cast aluminium trim
- High-transparency polycarbonate optics
- The Secure Light Distribution (SLD) system guarantees uniform light distribution even in the remote case of LED failures
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Extra clear, toughened, flat glass diffuser
- Complete with supplementary surge protection device (SPD) against mains overvoltages up to 10 kV and electrostatic charges (ESD)
- Connection to mains through technopolymer box, for cables Ø 7 - 17 mm. Complete with factory pre-wired 0.5 m H07RN-F cable
- Stainless steel locking hardware
- Ultra-thick galvanised sheet steel rope fixing device
- Wire mount, whose special geometrical design is studied for easy installation and firm locking with strong metal clamps
- Optimised light emission dual-adjustment design: the angle adjustment allows for direction when the wire is not perpendicular to the road, and the transversal adjustment allows levelling when the wire is not parallel to the ground
- UNI 10819 light pollution standards compliant (0% ULOR rating)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- CLO (Constant Light Output) options available. Consult factory
- Design by SILVIA PAOLA PENNACCHIO
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To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Product data

ETIM Group:	EG000027	ETIM Class:	EC000062
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General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	13090	Luminaire lumen output [lm]:	12689
Luminaire wattage [W]:	90 W	Luminous efficacy [lm/W]:	141
CRI:	70	Colour temperature [K]:	4000
Colour / Finishing:	AN-g6 / Anthracite gray / Matt	IP degree of protection:	IP66
Impact resistance / impact energy:	IK09 12J xx7	Protection class:	II
Optic:	SR/075 - Street	Net weight [kg]:	11.648
Overall length [mm]:	410	Overall width [mm]:	410
Overall height [mm]:	215		

Mechanical features

Shape:	Square ≥ 300 mm	Housing material:	Aluminium
Diffuser material:	Glass	Glow wire test [°C]:	960 °C
Frontal exposed area [m²]:	0.04	Lateral exposed area [m²]:	0.04
Top exposed area [m²]:	0.15		

Electrical features

Voltage type:	AC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	50/60	Power factor / COS Φ :	>0.95
Surge protection Common [kV]:	10.000000	Surge protection Differential [kV]:	6.000000
Inrush current [A/ μ s]:	53 / 300	C10 1.5 mm²:	8
C16 2.5 mm²:	13	B10 1.5 mm²:	5
B16 2.5 mm²:	8		

Installation

Application area:	Outdoor lighting	Mounting type:	Streetlight
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	55
Min. distance from lighted object [m]:	0.50		

Light features

MacAdam:	3	Lumen maintenance:	L90B10@100000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G4
Zero light pollution (ULR = 0%):		IPEA* (road lighting):	A5+
IPEA* (large areas, roundabouts):	A9+	IPEA* (cycle-pedestrian):	A5+

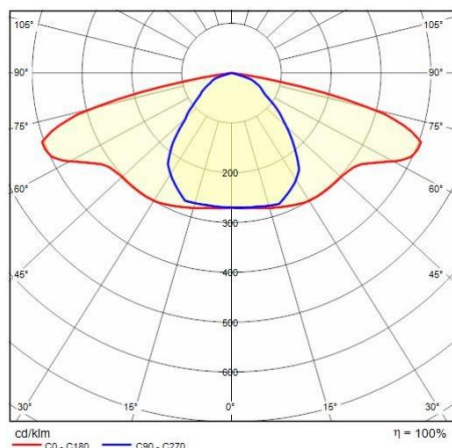
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IPEA* (green areas): A5+

IPEA* (historic city centers): A10+

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Photometric data



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