Sfera Led

PRILUX

MADE IN SPAIN
Design by PRILUX

Applications

Parks

Residential Areas

Pedestrian Zones

Cycle lanes

Car parks

Certifications

8/7/2023

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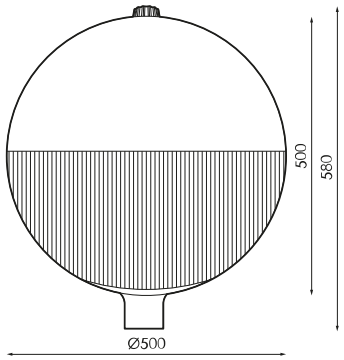
Specifications (Series luminaires)

Voltage (V)	220-240V
Frecuency (Hz)	50-60Hz
Current (A)	max.1000mA
Power factor (Cos fi)	Hasta 0,98
LED number	12/24
Dimming	8N - DALI
Comm. Prot. for reprogr.	CMR
IP Tightness index	IP65
IK Impact resistance	IK08
Diffuser Material	PC-P
Body	AL iap
Colour temperature	3.000K/4.000K
CRI Colour rendering index	>70
Optical	VA00L1M
Higher Hemispheric Flow	10%lm

Measures	Ø500x580mm
Weight	12.5Kg
Wind Resistance	0,196m2
Mounting	Arm Mount
Operating temperature	-40~+35°C
Flux (lm)	1.750lm
Electrical isolation	CI
Lifetime	L90 B10 >200.000h
Efficacy	93lm/W

Prilux guarantees a ± 10% tolerance in light flux measurements.

Dimensions



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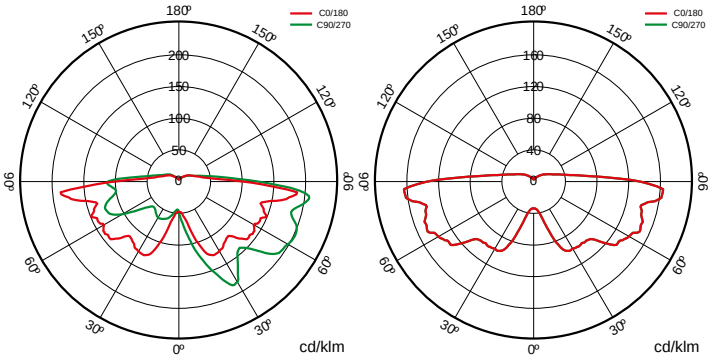
References

	W_{LED}	W		ϕ	ϕ_{LED}	ϕ_{LUM}	ϕ/W		K
569729	18W	18,8W	500mA	3.310lm	3.103lm	1.831lm	97lm/W	12	4.000K
569736	24W	26,5W	700mA	4.437lm	4.158lm	2.453lm	93lm/W	12	4.000K
569743	36W	38,8W	1000mA	5.965lm	5.558lm	3.279lm	85lm/W	12	4.000K
569750	48W	51,7W	700mA	8.873lm	8.373lm	4.940lm	96lm/W	24	4.000K
569767	72W	74,6W	1000mA	11930lm	11620lm	6856lm	92lm/W	24	4.000K
569774	18W	18,8W	500mA	3.163lm	2.966lm	1.750lm	93lm/W	12	3.000K
569781	24W	26,5W	700mA	4.239lm	3.973lm	2.344lm	88lm/W	12	3.000K
569798	36W	38,8W	1000mA	5.700lm	5.310lm	3.133lm	81lm/W	12	3.000K
569804	48W	51,7W	700mA	8.479lm	8.002lm	4.721lm	91lm/W	24	3.000K
569811	72W	74,6W	1000mA	11400lm	11103lm	6551lm	88lm/W	24	3.000K

Photometry



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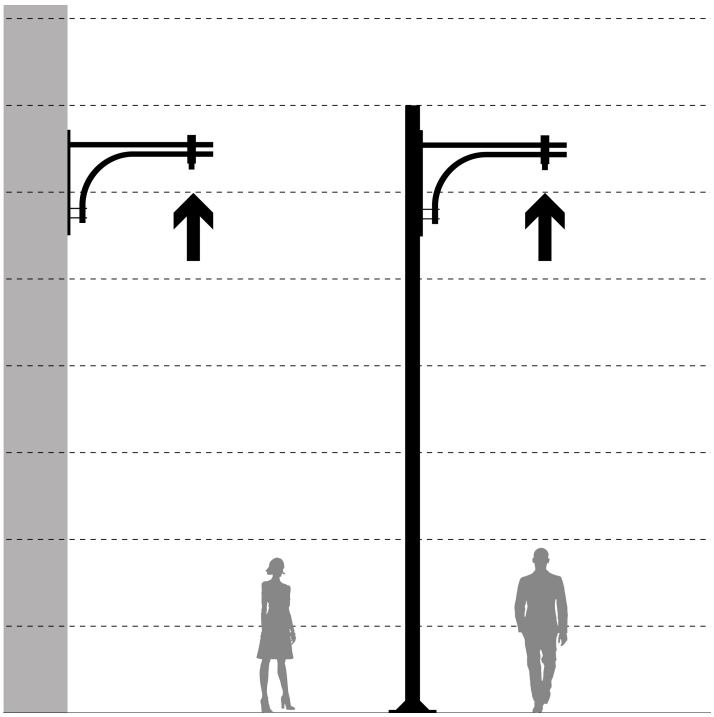
On request

	K	
Dali	PCAmbar	Available RAL colors (Consult)
Double Level with Line of Command	>70 2.700K	
	>80 3.000K	
	>80 4.000K	

Light packages

			PCA		727		730		750		827		830		840	
W			Φ_{LUM}	ϕ/W	Φ_{LUM}	ϕ/W	Φ_{LUM}	ϕ/W	Φ_{LUM}	ϕ/W	Φ_{LUM}	ϕ/W	Φ_{LUM}	ϕ/W	Φ_{LUM}	ϕ/W
18,8W	12	500mA	955lm	51lm/W	1.668lm	89lm/W	1.750lm	93lm/W			1.506lm	80lm/W	1.506lm	80lm/W	1.587lm	84lm/W
26,5W	12	700mA	1.242lm	47lm/W	2.235lm	84lm/W	2.344lm	88lm/W			2.017lm	76lm/W	2.017lm	76lm/W	2.126lm	80lm/W
38,8W	12	1.000mA			2.988lm	77lm/W	3.133lm	81lm/W			2.696lm	69lm/W	2.696lm	69lm/W	2.842lm	73lm/W
51,7W	24	700mA	2.502lm	48lm/W	4.501lm	87lm/W	4.721lm	91lm/W			4.062lm	79lm/W	4.062lm	79lm/W	4.281lm	83lm/W
74,6W	24	1.000mA			6.247lm	84lm/W	6.551lm	88lm/W			5.637lm	76lm/W	5.637lm	76lm/W	5.942lm	80lm/W

Mounting



1. Arm Mount

Accessories

587105

KIT ADAP. A POSTE Ø33MM GAUDIUM-LIVIA-SFERA

587112

KIT ADAP. A POSTE Ø42MM GAUDIUM-LIVIA-SFERA

587129

KIT ADAP. A POSTE Ø50MM GAUDIUM-LIVIA-SFERA

587143

KIT ADAP. A POSTE Ø76MM POLIVALENTE DECO. RAL9005T

Technologies

Overstorm

OVERSTORM technology is designed for those luminaires that normally face electrically aggressive environments. It provides the product with three spheres of protection: In the outer sphere, an independent surge protector suppresses eventual voltage surges, in the intermediate sphere the drivers are prepared to withstand voltage peaks of up to 6 kV and 10kV. In the nuclear sphere, the protection in the LED module is provided both at its input, for small surges that have not been filtered by the external spheres.

SystemShield

SYSTEMSHIELD technology is designed to guarantee the hours of useful life of luminaires installed in environments where exceeding the maximum operating temperature is possible and even probable. Using thermal probes, the luminaire knows its operating temperature at all times.

CMR

CMR (CORA MANAGER READY) identifies the prilux luminaires compatible with the CORA MANAGER system that provides the luminaires with control, regulation and programming.

PRILUX

Solutions

S

Cora Manager

description

One of the key pieces to achieve the pathtowards smart cities is lighting. Lighting management systems are advancing by leapsand bounds, prioritizing primary objectives such as service quality, cost reduction and care for the environment. CORA Manager is the control system developedby Prilux that, together with our compatible luminaires that provides intelligent management of public lighting, maintaining harmony between sustainable development and quality of life forcitizens, while promoting safety and saving.

Info

For more information on the different solutions compatible with this luminaire, consult the following BIDI codes or on the web www.prilux.es

Info

Includes Optical Group with ENAC tests and ENEC, CB, N certification