Sfera Led

569750

PRILUX

MADE IN SPAIN
Design by PRILUX

Applications

Parks

Residential Areas

Pedestrian Zones

Cycle lanes

Car parks

Certifications

8/8/2023

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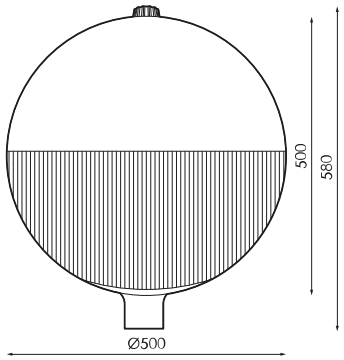
Specifications (Series luminaires)

Voltage (V)	220-240V
Frecuency (Hz)	50-60Hz
Current (A)	700mA
Power factor (Cos fi)	0.96
LED number	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	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)	4.940lm
Electrical isolation	CI
Lifetime	L90 B10 >200.000h
Efficacy	96lm/W

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

Dimensions



References

	W LED	W		ϕ	ϕ LED	ϕ LUM	ϕ/W		K
569750	48W	51,7W	700mA	8.873lm	8.373lm	4.940lm	96lm/W	24	4.000K

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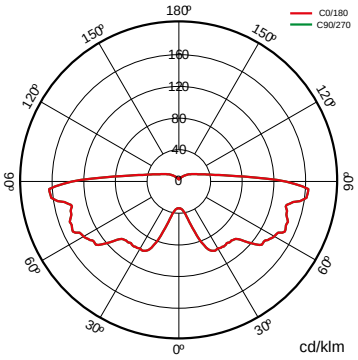
Photometry



On request

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

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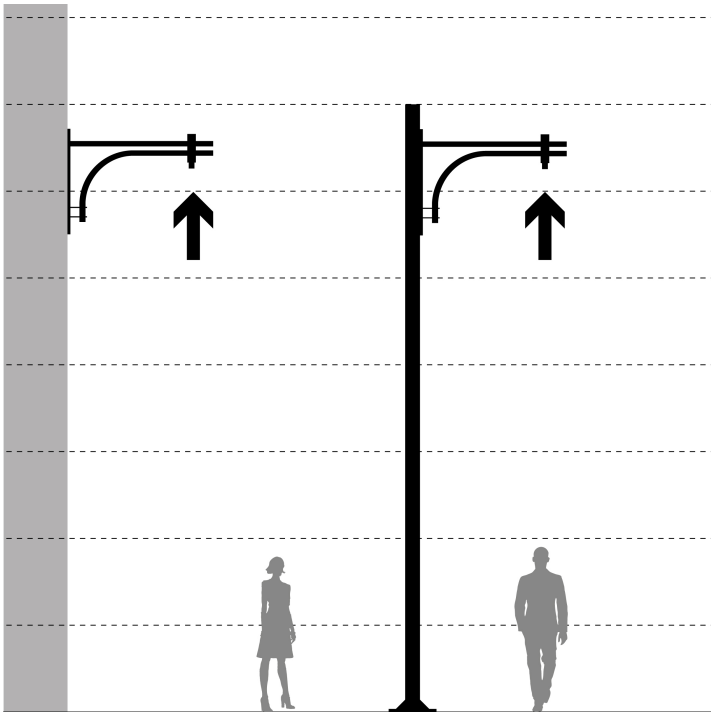
Light packages

			PCA		722		727		730		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
51,7W	24	700mA	2.502lm	48lm/W	3.815lm	74lm/W	4.501lm	87lm/W	4.721lm	91lm/W	4.062lm	79lm/W	4.062lm	79lm/W	4.281lm	83lm/W

Mounting



1. Arm Mount

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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.

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