Grupo Opt Univ Fern

PRILUX

MADE IN SPAIN
Design by PRILUX

Applications

Roads

Motorways

Parks

Roads

Residential Areas

Tunnels

Pedestrian Zones

Cycle lanes

Certifications

4/10/2023

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Specifications (Series luminaires)

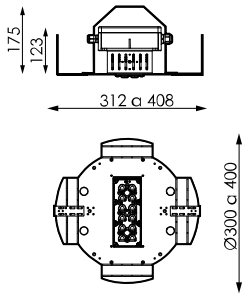
	Voltage (V)	220-240V
Hz	**Frecuency (Hz)**	50-60Hz
	Current (A)	max.1000mA
φ	**Power factor (Cos fi)**	Hasta 0,98
	LED number	12/12
	Dimming	8N
	Comm. Prot. for reprogr.	CMR

K	**Colour temperature**	4.000K-4.000K
	CRI Colour rendering index	>70
	Optical	VA00L1P

	Measures	300 a 400x175mm
tc	**Operating temperature**	-40~+50°C
Φ_{LUM}	**Flux (lm)**	1.910lm
	Electrical isolation	CI
L70	**Lifetime**	L90 B10 >200.000h
ϕ/W	**Efficacy**	144lm/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
634816	12W	13,3W	350mA	2399lm	2.170lm	1.910lm	144lm/W	12	4.000K
634823	18W	18,8W	500mA	3.310lm	2.985lm	2.627lm	140lm/W	12	4.000K
634830	24W	26,5W	700mA	4.437lm	3.995lm	3.516lm	133lm/W	12	4.000K
634854	36W	38,8W	1000mA	5.965lm	5.376lm	4.731lm	122lm/W	12	4.000K

On request

K	
>70 3.000K	S150I1P

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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
13,3W	12	350mA							1.846lm	139lm/W						
18,8W	12	500mA							2.540lm	135lm/W						
26,5W	12	700mA							3.399lm	128lm/W						
38,8W	12	1.000mA							4.574lm	118lm/W						

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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.

Warning

UNIVERSAL GROUPE OPTIQUE a été testé avec succès dans notre laboratoire dans 35°C température villa type de chambre lanterne.

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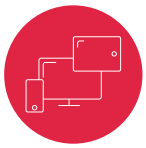
Solutions

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.



Cora Platform

description

Remote control system that allows monitoring, measuring and managing the public lighting infrastructure through a software platform.

Info

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