Avatar XI

PRILUX

MADE IN SPAIN
Design by PRILUX

Applications

Roads

Motorways

Parks

Viaducts

Residential Areas

Pedestrian Zones

Residential Areas

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 0,99
LED number	64/64
Dimming	8N - DALI
Comm. Prot. for reprogr.	CMR

IP Tightness index	IP66
IK Impact resistance	IK08
Body color	9007
Diffuser Material	VT-T 5mm
Body	AL iap

Colour temperature	3.000K/4.000K
CRI Colour rendering index	>70
Optical	VA00K0M

Measures	776x332x105mm
Weight	9Kg
Wind Resistance	0,251m2
Mounting	Crosier Mount

Operating temperature	-40~+50°C

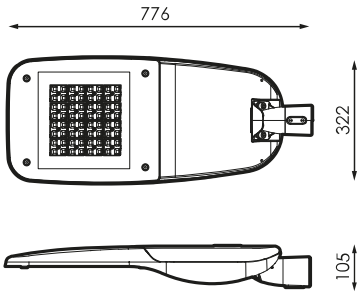
Flux (lm)	10087lm

Electrical isolation	CI

Lifetime	L90 B10 >200.000h
Efficacy	149lm/W

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

Dimensions



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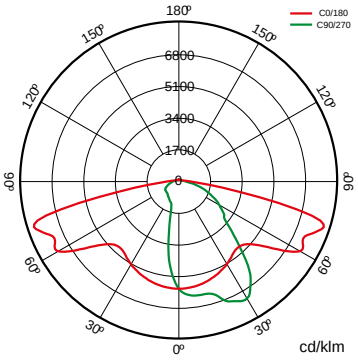
References

	W_{LED}	W		ϕ	ϕ_{LED}	ϕ_{LUM}	ϕ/W		K
569507	64W	67,9W	350mA	12795lm	12133lm	10556lm	155lm/W	64	4.000K
569514	96W	97W	500mA	17655lm	16438lm	14301lm	147lm/W	64	4.000K
569521	128W	135,1W	700mA	23662lm	21513lm	18716lm	139lm/W	64	4.000K
569538	150W	152,8W	800mA	26484lm	23666lm	20589lm	135lm/W	64	4.000K
569545	170W	175,1W	900mA	29198lm	26340lm	22916lm	131lm/W	64	4.000K
569552	192W	195W	1000mA	31813lm	28139lm	24481lm	126lm/W	64	4.000K
569569	64W	67,9W	350mA	12226lm	11594lm	10087lm	149lm/W	64	3.000K
569576	96W	97W	500mA	16870lm	15707lm	13665lm	141lm/W	64	3.000K
569606	128W	135,1W	700mA	22610lm	20556lm	17884lm	132lm/W	64	3.000K
569613	150W	152,8W	800mA	25307lm	22614lm	19674lm	129lm/W	64	3.000K
569620	170W	175,1W	900mA	27900lm	25169lm	21897lm	125lm/W	64	3.000K
569637	192W	195W	1000mA	30400lm	26890lm	23394lm	120lm/W	64	3.000K

Photometry



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On request

Dali	Class II	PC-T (IK10)
Double Level with Line of Command		

K		
PCAmbar	Available RAL colors (Consult)	PPDL0M
>70 2.700K	50 °C (Consult available powers and optics)	PPIL0M
>80 3.000K		S150L0M
>80 4.000K		VA00I0P
PC Amber Filter		VA00L0M
>70 2.700K		VA01L0M
		VA02L0M
		VA03D0P
		VA04D0P
		VA05I0P
		VA06I0P
		VA07L0P
		PEXL0M
		VA08L0M

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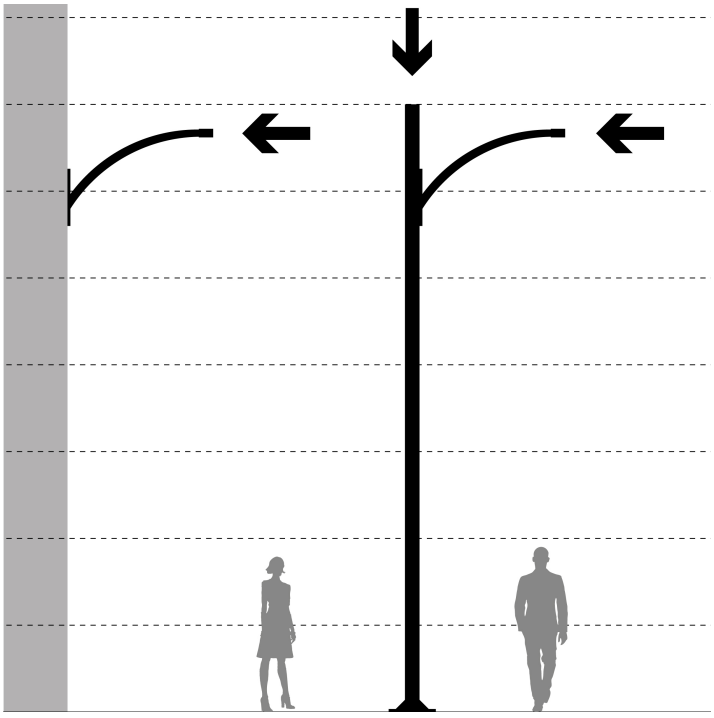
Light packages

			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
67,9W	64	350mA	5.650lm	83lm/W	9.617lm	142lm/W	10.087lm	149lm/W			8.679lm	128lm/W	8.679lm	128lm/W	9.149lm	135lm/W
97W	64	500mA	7.461lm	77lm/W	13.030lm	134lm/W	13.665lm	141lm/W			11.758lm	121lm/W	11.758lm	121lm/W	12.394lm	128lm/W
135,1W	64	700mA	9.478lm	70lm/W	17.053lm	126lm/W	17.884lm	132lm/W			15.388lm	114lm/W	15.388lm	114lm/W	16.220lm	120lm/W
152,8W	64	800mA			18.759lm	123lm/W	19.674lm	129lm/W			16.929lm	111lm/W	16.929lm	111lm/W	17.844lm	117lm/W
175,1W	64	900mA														
195W	64	1.000mA														

Mounting



1. Crosier Mount

Accessories

534222

KIT ADAP. TO POST 50MM AVATAR

538282

KIT ADAP. A POSTE Ø42MM AVATAR

479776

KIT ADAP. A POSTE Ø33MM AVATAR

501743

KIT ADAP. A POSTE Ø76MM POLIVALENTE TECN. RAL9007T

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Technologies

Overstorm

SYSTEMSHIELD

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 Cora Manager Ready

WHITE ADAPTATIVE SYSTEM

CMR

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

WAS

WAS (White Adaptive System) technology provides PRILUX luminaires with the ability to change both the amount of light they provide and the correlated color temperature, CCT.

Rules

Complies with IDAE and CEI requirements; and with R.D. 1890/2008 (Regulation on energy efficiency of outdoor lighting).

Solutions

S

Was Outdoor

description

WAS (White Adaptive System) technology provides PRILUX luminaires with the ability to change both the amount of light they provide and the correlated color temperature, CCT. WAS (White Adaptive System) technology provides PRILUX luminaires with the ability to change both the amount of light they provide and the correlated color temperature

Safelight

description

SAFELIGHT allows the lighting of zebra crossings with road luminaires adapted with special optics for this application that illuminate with white light with a continuous level of 100%

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