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PRILUX

MADE IN SPAIN
Design by PRILUX

Applications

Roads

Parks

Viaducts

Residential Areas

Pedestrian Zones

Cycle lanes

Car parks

Industrial

Certifications

8/7/2023

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PRILUX

Specifications (Series luminaires)

Voltage (V)	220-240V
Frecuency (Hz)	50-60Hz
Current (A)	max.1000mA
Power factor (Cos fi)	Hasta 0,98
LED number	12/32
Dimming	8N - DALI
Comm. Prot. for reprogr.	CMR

IP Tightness index	IP66
IK Impact resistance	IK09
Body color	9007
Diffuser Material	VT-T
Body	AL iap

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

Measures	478x478x546mm
Weight	8Kg
Wind Resistance	0,188m2

Operating temperature	-40~+50°C

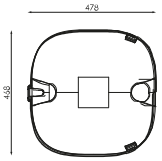
Flux (lm)	1.817lm

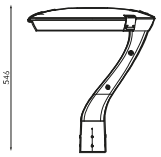
Electrical isolation	CI

Lifetime	L90 B10 >200.000h
Efficacy	137lm/W

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

Dimensions





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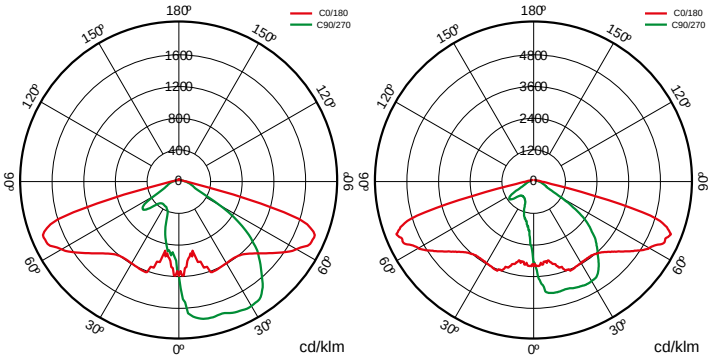
References

	W_{LED}	W		ϕ	ϕ_{LED}	ϕ_{LUM}	ϕ/W		K
573368	12W	13,3W	350mA	2.292lm	2.189lm	1.817lm	137lm/W	12	3.000K
573375	12W	13,3W	350mA	2.399lm	2.301lm	1.910lm	144lm/W	12	4.000K
573382	18W	18,8W	500mA	3.163lm	3.017lm	2.504lm	133lm/W	12	3.000K
573399	18W	18,8W	500mA	3.310lm	3.171lm	2.632lm	140lm/W	12	4.000K
573405	24W	26,5W	700mA	4.239lm	4.033lm	3.347lm	126lm/W	12	3.000K
573412	24W	26,5W	700mA	4.437lm	4.239lm	3.518lm	133lm/W	12	4.000K
573429	36W	38,8W	1000mA	5.700lm	5.435lm	4.511lm	116lm/W	12	3.000K
573436	36W	38,8W	1000mA	5.965lm	5.718lm	4.746lm	122lm/W	12	4.000K
573504	32W	34,3W	350mA	6.113lm	5.653lm	4.692lm	137lm/W	32	3.000K
573511	32W	34,3W	350mA	6.397lm	5.942lm	4.932lm	144lm/W	32	4.000K
573528	48W	49,2W	500mA	8.435lm	7.804lm	6.477lm	132lm/W	32	3.000K
573535	48W	49,2W	500mA	8.828lm	8.204lm	6.809lm	138lm/W	32	4.000K
573542	64W	68,7W	700mA	11305lm	10401lm	8633lm	126lm/W	32	3.000K
573559	64W	68,7W	700mA	11831lm	10934lm	9075lm	132lm/W	32	4.000K
573566	96W	100,9W	1000mA	15.200lm	13.817lm	11.468lm	114lm/W	32	3.000K
573573	96W	100,9W	1000mA	15.907lm	14.524lm	12.055lm	119lm/W	32	4.000K

Photometry



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On request

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

K		
PCAmbar	Available RAL colors (Consult)	VA00I0P
>70 2.700K		VA00L0M
>80 3.000K		VA01L0M
>80 4.000K		VA02L0M
>70 2.700K		VA03D0P
		VA04D0P
		VA05I0P
		VA06I0P
		VA07L0P
		VA08L0M

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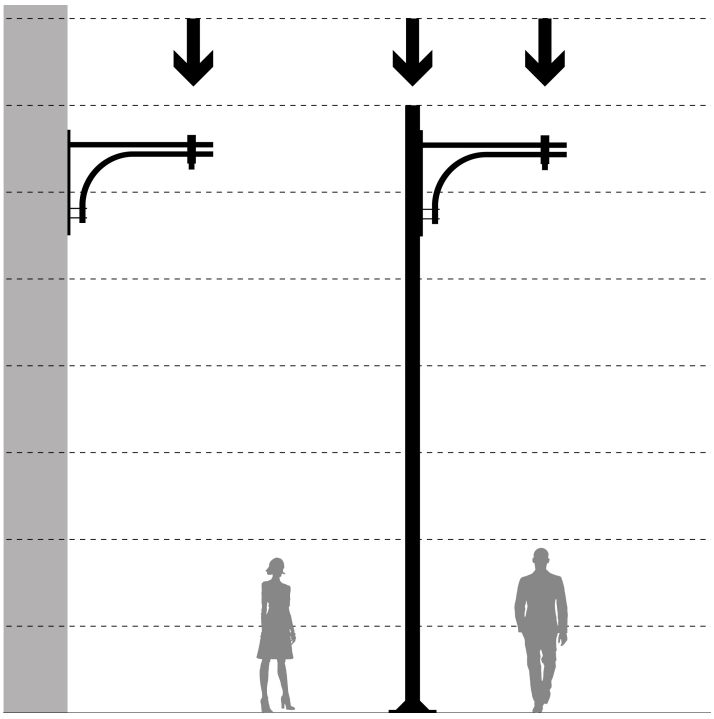
Light packages

			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
13,3W	12	350mA	1.022lm	77lm/W	1.710lm	129lm/W					1.571lm	118lm/W	1.571lm	118lm/W	1.655lm	124lm/W
18,8W	12	500mA	1.373lm	73lm/W	2.355lm	125lm/W					2.164lm	115lm/W	2.164lm	115lm/W	2.281lm	121lm/W
26,5W	12	700mA	1.782lm	67lm/W	3.148lm	119lm/W					2.892lm	109lm/W	2.892lm	109lm/W	3.049lm	115lm/W
34,3W	32	350mA	2.640lm	77lm/W	4.414lm	129lm/W					4.055lm	118lm/W	4.055lm	118lm/W	4.274lm	125lm/W
38,8W	12	1.000mA	2.241lm	61lm/W	4.244lm	109lm/W					3.903lm	101lm/W	3.903lm	101lm/W	4.113lm	106lm/W
49,2W	32	500mA	3.552lm	72lm/W	6.093lm	124lm/W					5.598lm	114lm/W	5.598lm	114lm/W	5.901lm	120lm/W
68,7W	32	700mA	4.596lm	67lm/W	8.122lm	118lm/W					7.462lm	109lm/W	7.462lm	109lm/W	7.865lm	114lm/W
100,9W	32	1.000mA	5.708lm	60lm/W	10.789lm	107lm/W					9.912lm	98lm/W	9.912lm	98lm/W	10.448lm	104lm/W

Mounting



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Accessories

586573

KIT ADAP. A POSTE Ø33MM ARISA TOP

581417

KIT ADAP. A POSTE Ø42MM ARISA TOP

579827

KIT ADAP. A POSTE Ø50MM ARISA TOP

501743

KIT ADAP. A POSTE Ø76MM POLIVALENTE TECN. RAL9007T

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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.

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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