



Applications



Roads



Motorways



Parks



Viaducts



Residential Areas



Pedestrian Zones



Residential Areas



Cycle lanes













Car parks



Certifications







Specifications (Series luminaires)

	Voltage (V)	220-240V
Hz	Frequency (Hz)	50-60Hz
	Current (A)	500mA
ϕ	Power factor (Cos fi)	0.94
	LED number	12
	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


K	Colour temperature	4.000K
	CRI Colour rendering index	>70
	Optical	VA00KOM

	Measures	620x295x145mm
	Weight	9Kg
	Wind Resistance	0,231m2
	Mounting	Crosier Mount

	Operating temperature	-40~+50°C
---	------------------------------	-----------

ϕ_{LUM}	Flux (lm)	2.885lm
--------------	------------------	---------

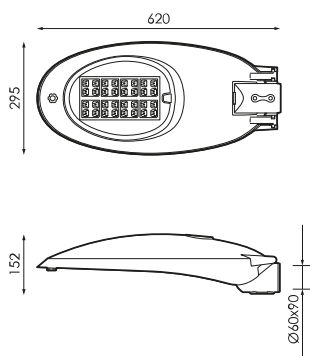
	Electrical isolation	CI
---	-----------------------------	----

	Lifetime	L90 B10 >200.000h
--	-----------------	-------------------




ϕ/W	Efficacy	153lm/W
----------	-----------------	---------

Prilux guarantees a $\pm 10\%$ tolerance in light flux measurements.

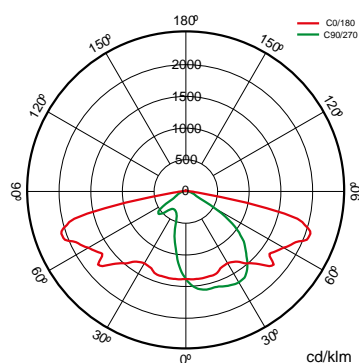
Dimensions



References

	W_{LED}	W		ϕ	ϕ_{LED}	ϕ_{LUM}	ϕ/W		K
572613	18W	18,8W	500mA	3.310lm	3.206lm	2.885lm	153lm/W	12	4.000K

Photometry



On request



Dali

Double Level with Line of Command



Class II



PC-T (IK10)

K

PCAmbar

>70 2.700K

>80 3.000K

>80 4.000K

>70 2.700K



Available RAL colors (Consult)

50 °C (Consult available powers and optics)



PEXL0M

SI50L0M

VA00I0P

VA00L0M

VA01L0M

VA02L0M

VA03D0P

VA04D0P

VA05I0P



VA06I0P

VA07L0P

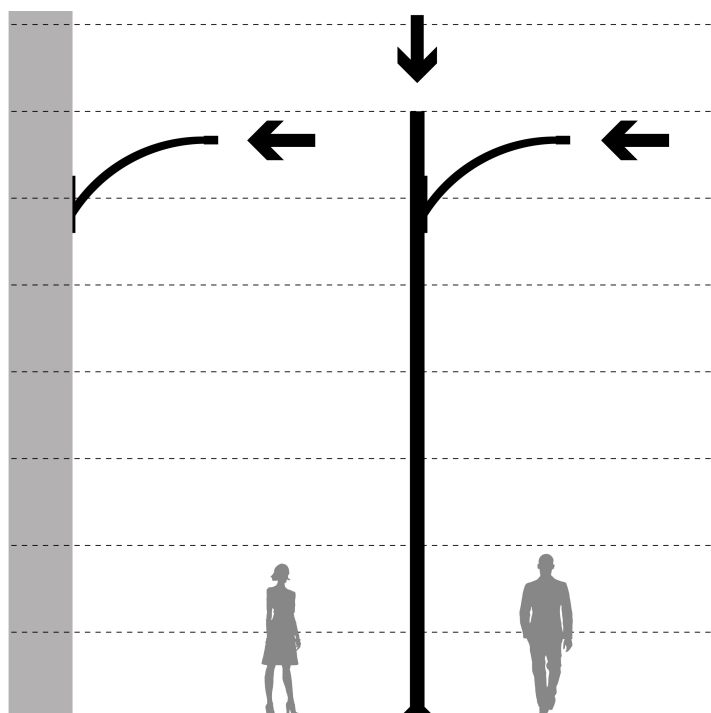
VA08L0P

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
18,8W	12	500mA	1.505lm 80lm/W	2.228lm 119lm/W	2.629lm 140lm/W	2.757lm 147lm/W	2.372lm 126lm/W	2.372lm 126lm/W	2.501lm 133lm/W

Mounting



1. Crosier Mount

Accessories



405461

KIT ADAP. A POSTE
Ø50MM EGEA-VERIA-
ARGIA-ARGIA XL



405485

KIT ADAP. A POSTE
Ø42MM EGEA-VERIA-
ARGIA-ARGIA XL



586535

KIT ADAP. A POSTE
Ø33MM EGEA-VERIA-
ARGIA-ARGIA XL



501743

KIT ADAP. A POSTE
Ø76MM
POLIVALENTE TECN.
RAL9007T

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.

Rules



Aluminium reflector of optical quality and high reflectance >95%.

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 path towards smart cities is lighting. Lighting management systems are advancing by leaps and bounds, prioritizing primary objectives such as service quality, cost reduction and care for the environment. CORA Manager is the control system developed by Prilux that, together with our compatible luminaires that provides intelligent management of public lighting, maintaining harmony between sustainable development and quality of life for citizens, 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



Aluminium reflector of optical quality and high reflectance >95%