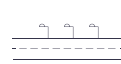




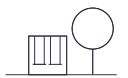
## Applications



Roads



Motorways



Parks



Viaducts



Residential Areas



Pedestrian Zones



Residential Areas



Cycle lanes















Car parks








## Certifications



## Specifications (Series luminaires)

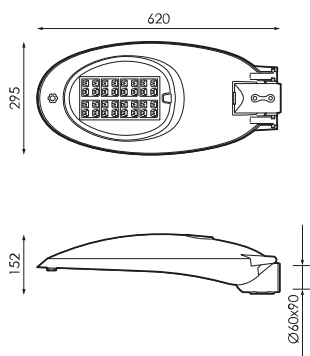


	<b>Voltage (V)</b>	220-240V
Hz	<b>Frecuency (Hz)</b>	50-60Hz
	<b>Current (A)</b>	500mA
$\phi$	<b>Power factor (Cos fi)</b>	0.94
	<b>LED number</b>	12
	<b>Dimming</b>	8N - DALI
	<b>Comm. Prot. for reprogr.</b>	CMR
	<b>IP Tightness index</b>	IP66
	<b>IK Impact resistance</b>	IK09
	<b>Body color</b>	9007
	<b>Diffuser Material</b>	VT-T
	<b>Body</b>	AL iap
<b>K</b>	<b>Colour temperature</b>	3.000K
	<b>CRI Colour rendering index</b>	>70
	<b>Optical</b>	VA00K0M

	<b>Measures</b>	620x295x145mm
	<b>Weight</b>	9Kg
	<b>Wind Resistance</b>	0,231m2
	<b>Mounting</b>	Crosier Mount
	<b>Operating temperature</b>	-40~+50°C
$\phi_{LUM}$	<b>Flux (lm)</b>	2.750lm
	<b>Electrical isolation</b>	CI
	<b>Lifetime</b>	L90 B10 >200.000h
$\phi/W$	<b>Efficacy</b>	147lm/W



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

## Dimensions

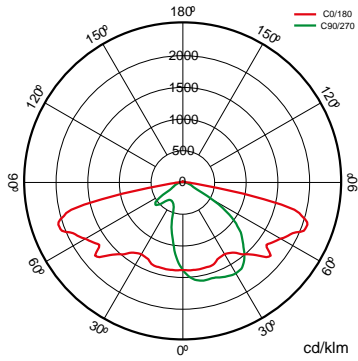


## References




	$W_{LED}$	W		$\phi$	$\phi_{LED}$	$\phi_{LUM}$	$\phi/W$		K
<b>572712</b>	18W	18,8W	500mA	3.163lm	3.063lm	2.750lm	147lm/W	12	3.000K

**Photometry**



**On request**






Dali

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Double Level with Line of Command



Class II



PC-T (IK10)

**K**

PCAmbar

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>70 2.700K

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>80 3.000K

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>80 4.000K

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>70 2.700K



Available RAL colors (Consult)

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50 °C (Consult available powers and optics)



PEXL0M

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SI50L0M

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VA00I0P

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VA00L0M

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VA01L0M

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VA02L0M

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VA03D0P

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VA04D0P

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VA05I0P

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VA06I0P

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VA07L0P

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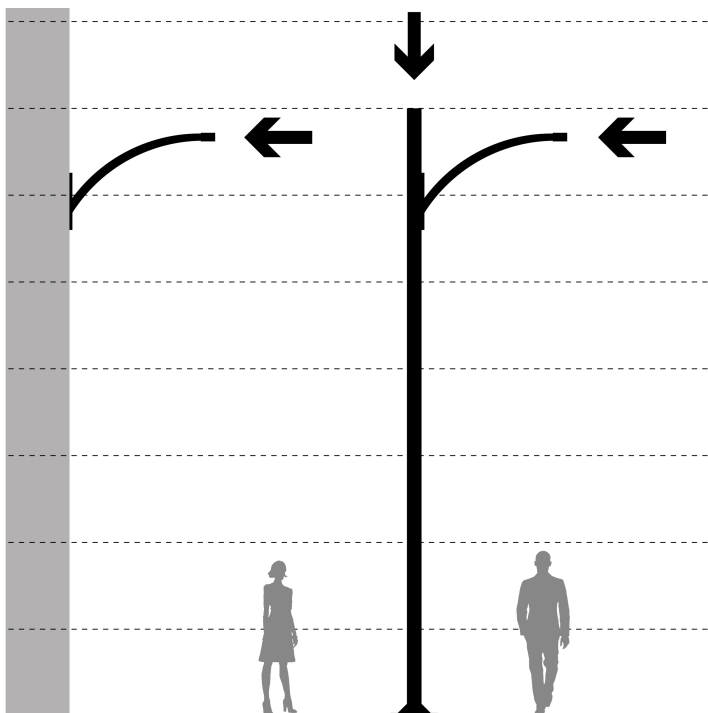
VA08L0P

**Light packages**



			PCA	722	727	730	827	830	840
W			$\phi_{LUM}$ $\phi/W$	$\phi_{LUM}$ $\phi/W$	$\phi_{LUM}$ $\phi/W$	$\phi_{LUM}$ $\phi/W$	$\phi_{LUM}$ $\phi/W$	$\phi_{LUM}$ $\phi/W$	$\phi_{LUM}$ $\phi/W$
<b>18,8W</b>	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

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**Technologies**

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**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.

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**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.



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**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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**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](http://www.prilux.es)

<b>Info</b>	
Aluminium reflector of optical quality and high reflectance >95%	