



**MADE IN SPAIN**  
Design by PRILUX



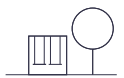
## Applications



Roads



Motorways



Parks



Viaducts



Pedestrian Zones



Cycle lanes



Car parks



Industrial






















Residential Areas

## Certifications



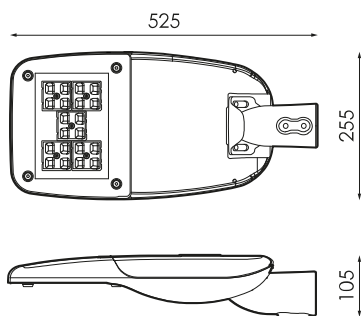
## Specifications (Series luminaires)

	<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>	IK08
	<b>Body color</b>	9007
	<b>Diffuser Material</b>	VT-T 5mm
	<b>Body</b>	AL iap
<b>K</b>	<b>Colour temperature</b>	4.000K
	<b>CRI Colour rendering index</b>	>70
	<b>Optical</b>	VA00K0M




	<b>Measures</b>	525x255x105mm
	<b>Weight</b>	5Kg
	<b>Wind Resistance</b>	0,151m2
	<b>Mounting</b>	Crosier Mount
	<b>Operating temperature</b>	-40~+50°C
$\phi_{LUM}$	<b>Flux (lm)</b>	2648lm
	<b>Electrical isolation</b>	CI
	<b>Lifetime</b>	L90 B10 >200.000h
$\phi/W$	<b>Efficacy</b>	141lm/W

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

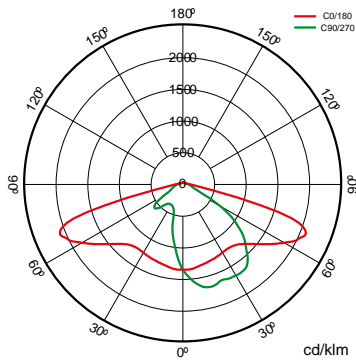
## Dimensions



## References


	$W_{LED}$	$W$		$\phi$	$\phi_{LED}$	$\phi_{LUM}$	$\phi/W$		<b>K</b>
<b>568821</b>	18W	18,8W	500mA	3310lm	3079lm	2648lm	141lm/W	12	4.000K

**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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PC Amber Filter

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>70 2.700K



Available RAL colors (Consult)

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50 °C (Consult available powers and optics)



PPDL0M

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PPILOM

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S150L0M

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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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
PPILOM

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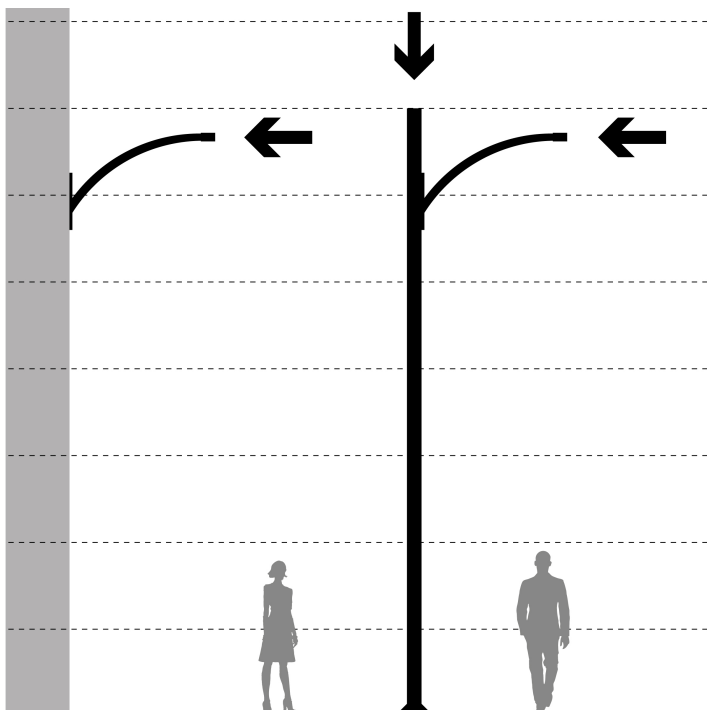
PPILOM

## 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	1.382lm 74lm/W	2.045lm 109lm/W	2.407lm 128lm/W	2.547lm 135lm/W	2.178lm 116lm/W	2.178lm 116lm/W	2.295lm 122lm/W

## 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**

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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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**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.

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**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 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)