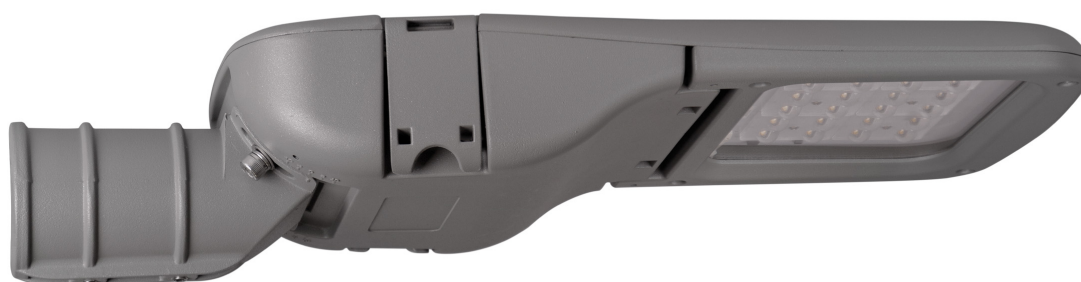




**MADE IN SPAIN**  
Design by PRILUX



## Applications



Motorways



Roads



Cycle lanes



Parks



Viaducts



Pedestrian Zones



Residential Areas



Tunnels



Car parks

## Certifications



## Specifications (Series luminaires)

|                                                                                  |                                 |           |
|----------------------------------------------------------------------------------|---------------------------------|-----------|
|  | <b>Voltage (V)</b>              | 220-240V  |
| <b>Hz</b>                                                                        | <b>Frequency (Hz)</b>           | 50-60Hz   |
|  | <b>Current (A)</b>              | 700mA     |
| $\phi$                                                                           | <b>Power factor (Cos fi)</b>    | 0.96      |
|  | <b>LED number</b>               | 24        |
|  | <b>Dimming</b>                  | 8N - DALI |
|  | <b>Comm. Prot. for reprogr.</b> | CMR       |

|                                                                                    |                             |        |
|------------------------------------------------------------------------------------|-----------------------------|--------|
|    | <b>IP Tightness index</b>   | IP66   |
|    | <b>IK Impact resistance</b> | IK10   |
|    | <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>                    | VA00KOM |

|                                                                                   |                        |               |
|-----------------------------------------------------------------------------------|------------------------|---------------|
|  | <b>Measures</b>        | 540x230x112mm |
|  | <b>Wind Resistance</b> | 0,124m2       |
|  | <b>Mounting</b>        | Crosier Mount |

|                                                                                   |                              |            |
|-----------------------------------------------------------------------------------|------------------------------|------------|
|  | <b>Operating temperature</b> | -40~+50 °C |
|-----------------------------------------------------------------------------------|------------------------------|------------|

|              |                  |        |
|--------------|------------------|--------|
| $\phi_{LUM}$ | <b>Flux (lm)</b> | 6290lm |
|--------------|------------------|--------|

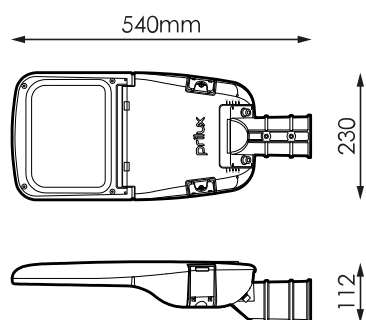
|                                                                                   |                             |    |
|-----------------------------------------------------------------------------------|-----------------------------|----|
|  | <b>Electrical isolation</b> | CI |
|-----------------------------------------------------------------------------------|-----------------------------|----|

|                                                                                   |                 |                   |
|-----------------------------------------------------------------------------------|-----------------|-------------------|
|  | <b>Lifetime</b> | L90 B10 >200.000h |
|-----------------------------------------------------------------------------------|-----------------|-------------------|

|          |                 |         |
|----------|-----------------|---------|
| $\phi/W$ | <b>Efficacy</b> | 122lm/W |
|----------|-----------------|---------|

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

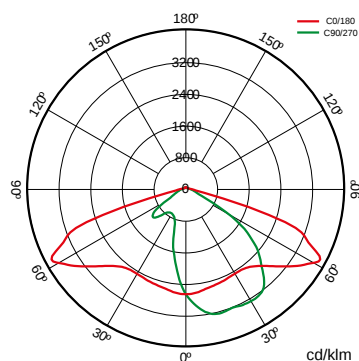
## Dimensions



## References

|                                                                                     |           |       |                                                                                     |         |              |              |          |                                                                                       |          |
|-------------------------------------------------------------------------------------|-----------|-------|-------------------------------------------------------------------------------------|---------|--------------|--------------|----------|---------------------------------------------------------------------------------------|----------|
|  | $W_{LED}$ | $W$   |  | $\phi$  | $\phi_{LED}$ | $\phi_{LUM}$ | $\phi/W$ |  | <b>K</b> |
| <b>570220</b>                                                                       | 48W       | 51,7W | 700mA                                                                               | 8.479lm | 7.230lm      | 6290lm       | 122lm/W  | 24                                                                                    | 3.000K   |

## Photometry



## On request



Dali

Double Level with Line of Command



Class II



PC-T (IK10)



Available RAL colors (Consult)

50 °C (Consult available powers and optics)



PEXL0M

PPDL0M

PPILOM

SI50LOM

VA00IOP

VA00LOM

VA01LOM

VA02LOM

VA03DOP

VA04DOP

VA05IOP

VA06IOP

VA07LOP

VA08LOM

K

>70 2.700K

>80 3.000K

>80 4.000K

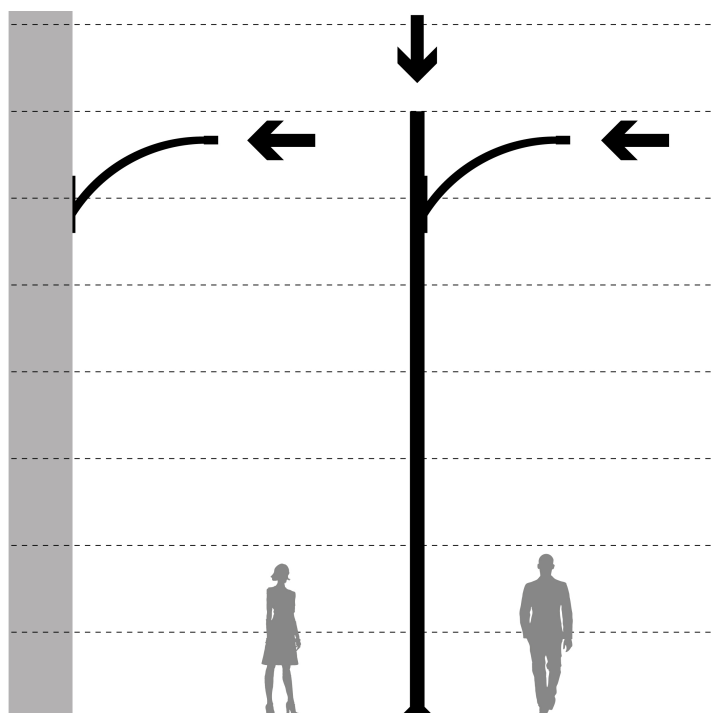
>70 2.700K

## 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>51,7W</b> | 24                                                                                | 700mA                                                                             | 3.126lm 60lm/W        | 4.766lm 92lm/W        | 5.656lm 109lm/W       |                       | 5.074lm 98lm/W        | 5.074lm 98lm/W        | 5.349lm 103lm/W       |

## Mounting



1. Crosier Mount

## Accessories



### 586566

KIT ADAP. A POSTE  
Ø33MM VERSA-  
ARISA ROAD



### 496636

KIT ADAP. A POSTE  
Ø42MM VERSA-  
ARISA ROAD



### 496629

KIT ADAP. A POSTE  
Ø50MM VERSA-  
ARISA ROAD



### 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.

## Solutions

S



### 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)