



MADE IN SPAIN  
Design by PRILUX



## Applications



Roads



Parks



Viaducts



Residential Areas



Pedestrian Zones



Cycle lanes






















Car parks

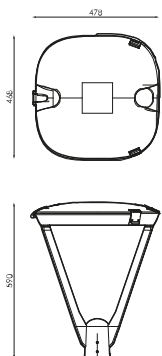
## Certifications






## Specifications (Series luminaires)

|                                                                                                                      |                 |                                                                                                                |                   |
|----------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------|-------------------|
|  <b>Voltage (V)</b>                  | 220-240V        |  <b>Measures</b>              | 478x478x590mm     |
| <b>Hz Frequency (Hz)</b>                                                                                             | 50-60Hz         |  <b>Weight</b>                | 8Kg               |
|  <b>Current (A)</b>                  | 500mA           |  <b>Wind Resistance</b>       | 0,188m2           |
| $\phi$ <b>Power factor (Cos fi)</b>                                                                                  | 0.95            |  <b>Operating temperature</b> | -40~+50°C         |
|  <b>LED number</b>                   | 32              | $\phi_{LUM}$ <b>Flux (lm)</b>                                                                                  | 6.357lm           |
|  <b>Dimming</b>                      | 8N - DALI       |  <b>Electrical isolation</b>  | CI                |
|  <b>Comm. Prot. for reprogr.</b>     | CMR             |  <b>Lifetime</b>              | L90 B10 >200.000h |
|  <b>IP Tightness index</b>           | IP66            |  <b>Efficacy</b>             | 129lm/W           |
|  <b>IK Impact resistance</b>         | IK09            | Prilux guarantees a $\pm 10\%$ tolerance in light flux measurements.                                           |                   |
|  <b>Body color</b>                   | 9007            |                                                                                                                |                   |
|  <b>Diffuser Material</b>           | VT-T            |                                                                                                                |                   |
|  <b>Body</b>                       | AL iap          |                                                                                                                |                   |
| <b>K Colour temperature</b>                                                                                          | 4.000K          |                                                                                                                |                   |
|  <b>CRI Colour rendering index</b> | >70             |                                                                                                                |                   |
|  <b>Optical</b>                    | ART2032-VA00K0M |                                                                                                                |                   |

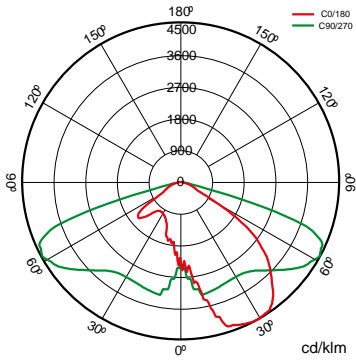
## Dimensions



## References

|  | $W_{LED}$ | W     |  | $\phi$  | $\phi_{LED}$ | $\phi_{LUM}$ | $\phi/W$ |  | K      |
|-------------------------------------------------------------------------------------|-----------|-------|-------------------------------------------------------------------------------------|---------|--------------|--------------|----------|---------------------------------------------------------------------------------------|--------|
| <b>573986</b>                                                                       | 48W       | 49,2W | 500mA                                                                               | 8.828lm | 8.256lm      | 6.357lm      | 129lm/W  | 32                                                                                    | 4.000K |

## Photometry



## On request



Class II



Double Level with Line of Command



PC-T (IK10)



PCAmbar

>70 2.700K

>80 3.000K

>80 4.000K

>70 2.700K



Available RAL colors (Consult)



S150LOM

VA00IOP

VA00LOM

VA01LOM

VA02LOM

VA03DOP

VA04DOP

VA05IOP



VA06IOP

VA07LOP

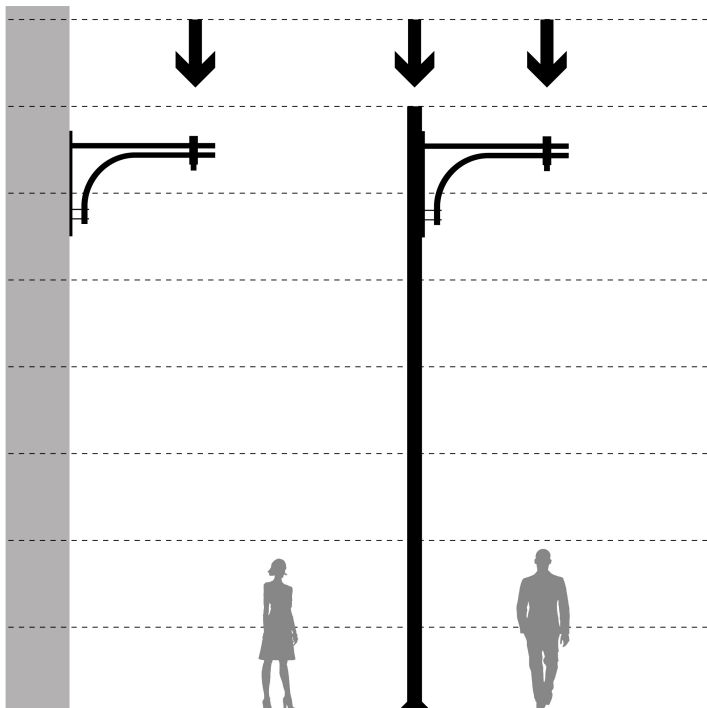
VA08LOM

## 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>49,2W</b> | 32                                                                                | 500mA                                                                             | 3.316lm      | 67lm/W   | 4.909lm      | 100lm/W  | 5.689lm      | 116lm/W  |              |          | 5.226lm      | 106lm/W  | 5.226lm      | 106lm/W  | 5.509lm      | 112lm/W  |

## Mounting



## 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

## 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



### 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



### 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)