



# R-Light

Street Lighting



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## Street Lighting

This luminaire knows the recipe for efficient lighting on major roads: it takes height - lateral or masthead - and relies on the latest generation technology. Functional in all circumstances, it does not forget to have the artistic Ragni style and provides great visual rendering in both day and night conditions. Sleek, aerodynamic lines fall clearly within the trend. But it is in an urban context that makes the most of the full extent of its potential.

All information is subject to change without notice  
last updated: 05/26/2021

### Highlights

- Fixture 100% injected cast aluminum with sleek aerodynamic lines
- High performance lighting, for main roads, side mount or top-mounted
- Disconnects upon opening
- IP 68 Vent
- Adjustable tilt
- Tool-free maintenance via a snap on lever
- 2 sizes available (2 lamp ensembles)

### Technical characteristics

#### Materials:

Fixture: injected cast aluminum  
Protection: tempered glass

#### Protection Shape:

Standard: Flat glass

#### Protection Finish:

Standard : Transparent

#### Optical:

EVO 2

#### Maximum Power:

48 LED @ 700mA

#### Mounting:

Side mount and top mounted:  $\varnothing 60$   
( $\varnothing 48$  and  $\varnothing 42$  on request) Depth of insertion: 110 mm  
Tilt: Top mounted 0/20°

#### Color Options:

Standard colors (White, Silver, Bronze and Black), all RAL colors available upon request

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+ Tool-free snap-on cover



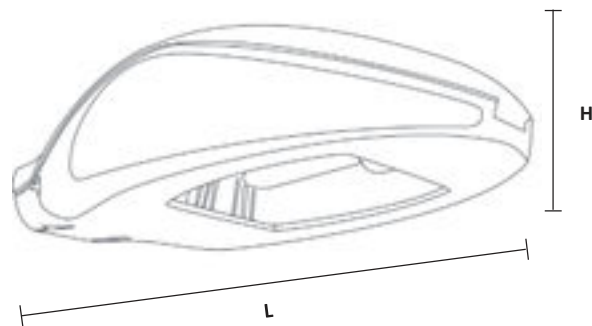
+ Lamp and control gear access



+ IP 68 vent prevents condensation and regulates pressure and temperature variations

## Electric class

1 and 2



|                             | R-Light<br>650 | R-Light<br>800 |            |           |
|-----------------------------|----------------|----------------|------------|-----------|
| <b>Weight (lb)</b>          | 13.67          | 18.52          |            |           |
| <b>EPA (ft<sup>2</sup>)</b> | 0.538          | 0.861          |            |           |
| <b>Protection Index</b>     |                |                |            |           |
| Optical Unit                | IP 66          | IP 66          |            |           |
| Electrical Compartment      | IP 66          | IP 66          |            |           |
| <b>Shock Resistance</b>     | IK 08          | IK 08          |            |           |
| <b>Dimensions (in)</b>      | L<br>25.59     | H<br>7.09      | L<br>31.50 | H<br>8.66 |

## Options

IK 10 on request  
Disconnects upon opening





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### Power and luminous intensity - Luminous output data

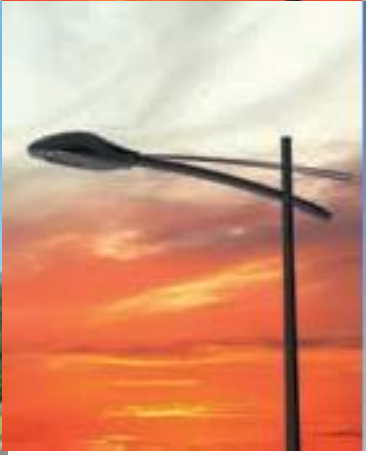
| 3000K<br>Number of LEDs | 350 mA    |             |        | 500 mA    |             |        | 700 mA    |             |        |
|-------------------------|-----------|-------------|--------|-----------|-------------|--------|-----------|-------------|--------|
|                         | $P_t$ (W) | $\Phi$ (lm) | (lm/W) | $P_t$ (W) | $\Phi$ (lm) | (lm/W) | $P_t$ (W) | $\Phi$ (lm) | (lm/W) |
| 16                      | 21.4      | 1988        | 93     | 28.2      | 2867        | 102    | 36        | 3636        | 101    |
| 32                      | 34.4      | 3976        | 116    | 48.8      | 5734        | 118    | 68.9      | 7271        | 106    |
| 48                      | 51        | 5964        | 117    | 72.6      | 8601        | 118    | 102.3     | 10907       | 107    |

| 4000K<br>Number of LEDs | 350 mA    |             |        | 500 mA    |             |        | 700 mA    |             |        |
|-------------------------|-----------|-------------|--------|-----------|-------------|--------|-----------|-------------|--------|
|                         | $P_t$ (W) | $\Phi$ (lm) | (lm/W) | $P_t$ (W) | $\Phi$ (lm) | (lm/W) | $P_t$ (W) | $\Phi$ (lm) | (lm/W) |
| 16                      | 21.4      | 2147        | 100    | 28.2      | 3097        | 110    | 36        | 3932        | 109    |
| 32                      | 34.4      | 4294        | 125    | 48.8      | 6193        | 127    | 68.9      | 7863        | 114    |
| 48                      | 51        | 6441        | 126    | 72.6      | 9290        | 128    | 102.3     | 11795       | 115    |

$P_t$  (W) = Total power consumption including driver consumption  
 $\Phi$  Nominal flux (lm)

### Ordering Information

| Model   | Size | # LED | Distribution | Drive Current (mA) | CCT (K)      | Line Voltage | Mounting             | Color Fixture  |
|---------|------|-------|--------------|--------------------|--------------|--------------|----------------------|----------------|
| R-Light |      |       |              |                    |              |              |                      |                |
|         | 650  | 16    | T2           | 35 – (350)         | 3 – (3000 K) | 1- (120-277) | Top/lateral Mounting | BLK – (Black)  |
|         | 800  | 32    | T3           | 50 – (500)         | 4 – (4000 K) | 3- (347-480) |                      | BRZ – (Bronze) |
|         |      | 48    | T4           | 70 – (700)         |              |              |                      | SLV – (Silver) |
|         |      |       | T5           | C - (Custom)       |              |              |                      | WHT – (White)  |
|         |      |       |              |                    |              |              |                      | (RAL #)        |



Acti BRACKET



R-Light  
Suggestions for ensembles

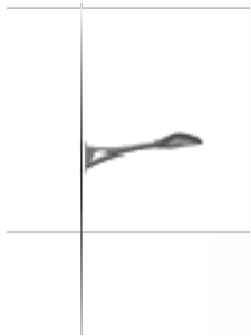
A - Wall mounting

B - Java 800  
Dryas bollard

C - Java 800

D - Java 600

Denisia BRACKET



A - Wall mounting

B - Kima 600

C - Java 800

D - Kima 800  
Duna bollard

E - Kima 600

F - Kima 800



**Eclassis** BRACKET



**R-Light**  
Suggestions for ensembles



A - Wall mounting



B - Kima 800

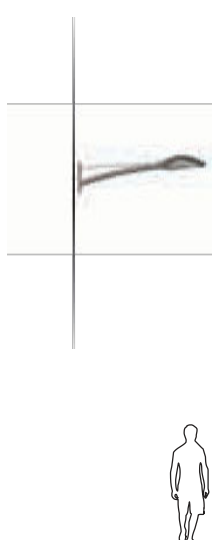


C - Kima 800  
Cannelia bollard



D - Kima 800

**Encierro** BRACKET



A - Wall mounting



B - Jima 600



C - Kima 800



D - Kima 800  
Duna bollard



E - Kima 800



Top mounted



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Suggestions for ensembles



A - Jima400



B - Jima500



C - Jima 600



D - Jima 700

Neptis BRACKET



A - Wall mounting



B - Jima800



C - Kima 800  
Cannelia bollard



D - Jima 600



Pénéa BRACKET



R-Light  
Suggestions for ensembles



A - Wall mounting



B - Kima 500



C - Kima 800



D - Kima 800

E - Kima 800  
Duna bollard

Tomina BRACKET



A - Wall mounting



B - Kima 600



C - Kima 800



D - Kima 800  
Duna bollard



E - Kima 800