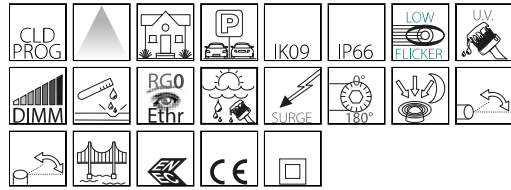


## 3280 - Rolle - T1

Code: 330408-00



Rolle is a latest generation LED street luminaire with a very simple design that makes it perfectly suited to different kinds of urban zones. Conceived to be used mainly on arterial and residential roads, it comes in multiple versions to serve as a great solution for many different projects due to its extraordinary versatility. It guarantees high energy savings with great lighting levels, enabling low energy consumption and reliable performance. It is equipped with a combined optic system made of high-performance PMMA that can withstand high temperatures and UV radiation. Rolle was designed with different photometric curves to make it suitable for car parks, pedestrian crossings and any urban setting.



### GENERAL INFORMATION

|         |                   |
|---------|-------------------|
| Article | 3280 - Rolle - T1 |
| Code    | 330408-00         |

### DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 460 mm |
| Width (mm)  | 300 mm |
| Height (mm) | 125 mm |
| Weight (Kg) | 7.6 kg |

### INSTALLATION

|                                     |  |
|-------------------------------------|--|
| Diameter (Ø) of pole connector (mm) | 46-76 mm   |
| Surface exposed to wind (mm)        | L 54800 mm <sup>2</sup> , F 143100 mm <sup>2</sup> |

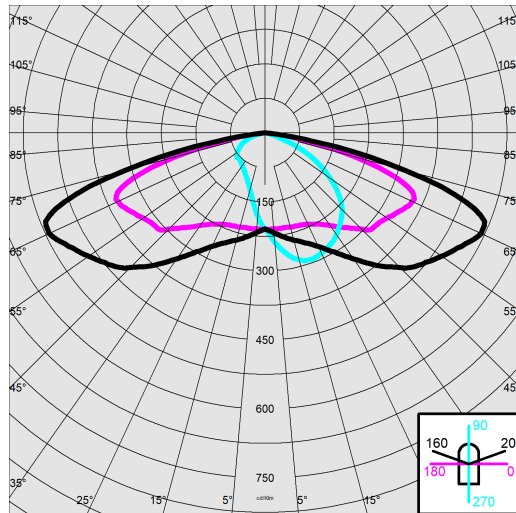
### ELECTRICAL CHARACTERISTICS AND CONTROLS

|                                     |             |
|-------------------------------------|-------------|
| Voltage type                        | AC          |
| Min Voltage (V)                     | 220 V       |
| Max Voltage (V)                     | 240 V       |
| Min Frequency (Hz)                  | 50 Hz       |
| Max Frequency (Hz)                  | 60 Hz       |
| Frequency (Hz)                      | 50 Hz       |
| Wiring name                         | CLD         |
| Power factor                        | ≥0.9        |
| Rated Current                       | 350 mA      |
| Surge protector (common) (EN 61547) | 6 kV, 10 kV |
| Insulation class                    | Class II    |
| Controllability                     | None        |

## 3280 - Rolle - T1

Code: 330408-00

### PHOTOMETRIC DATA



|                              |  |
|------------------------------|--|
| Lighting source              | LED  |
| CRI                          | 70   |
| Luminous flux (output) (lm)  | 8389 lm  |
| Power absorption (total) (W) | 60 W   |
| CCT                          | 4000 K   |
| Luminous efficacy (lm/W)     | 140 lm/W   |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance         | 100000 hr, L 90, B 10  |

### MECHANICAL CHARACTERISTICS

|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK09   |
| IP                            | 66     |
| Ambient temperature - min     | -30 °C |
| Ambient temperature - max     | 40 °C  |

# 3280 - Rolle - T1

Code: 330408-00

## MATERIALS AND COLOURS



[DOWNLOAD](#)

### MOUNTS

[AssemblyInstructions rolle 11-23.pdf](#)

### DESIGNS

[TechnicalDrawing rolle1.dxf](#)



|                                |  |
|--------------------------------|--|
| Housing                        | in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins integrated in the cover.  |
| Optics                         | in high-performance PMMA resistant to high temperatures and UV rays. Flow recuperators in polycarbonate.   |
| Diffuser                       | extra-clear, tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI-EN 12150-1:2001).  |
| Heat sink                      | the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.  |
| Pole connection                | in die-cast aluminium with clamps for fastening the fixture at different angles. Adjustable from 0° to 20° for side-mount applications; and from 0° to 15° for top-mount applications. Tilt pitch 5°. Suitable for 46-76 mm diameter poles.  |
| Coating                        | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Grey = RAL 9006  |
| Special coating (UPON REQUEST) | Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.   |
| Colour                         | Grey   |
| Equipment                      | <ul style="list-style-type: none"> <li>- waterproof connector for quick installation with no need to open the fixture.</li> <li>- anti-condensation valve.</li> <li>- temperature controller with auto-reset.</li> <li>- EN 61547 compliant surge protection.</li> <li>- CLD PROG built-in functions.</li> </ul> |

## EMERGENCY LIGHTING

|                             |             |
|-----------------------------|-------------|
| Emergency power supply type | Not present |
|-----------------------------|-------------|

## STANDARDS AND COMPLIANCE

|                              |  |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr   |
| Markings and tests           | CE, ENEC   |
| Reference standards          | EN60598-1. They have a degree of protection according to the EN60529 standard.   |
| Laboratory Tests             | compliant with third-party certified vibration tests pursuant to ANSI C136.31: Street Lighting - Luminaire Vibration. Test level: 3.0G Level 2 for bridge/overpass applications. |
| Energy Label                 | C  |

## GEAR

|              |                           |
|--------------|---------------------------|
| Sensors      |                           |
| Upon request | protection of up to 10KV. |

## WARRANTY

|                      |      |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|

## 3280 - Rolle - T1

Code: 330408-00



**504 Single arm**



**508 Double arm**



**1481 steel conical pole to be buried**



**1480 steel conical pole with base**



**1508 Fluted pole  $\varnothing$  120 with base**



**1509 Fluted pole  $\varnothing$  120**



**1408 Fluted pole  $\varnothing$  100 with base**



**1409 Fluted pole  $\varnothing$  100**