Elegant, cost-effective lighting solution for creation of ambiance

Zela provides a cost-effective indirect lighting solution for the creation of ambiance. This modern luminaire is characterised by its distinct flat and conical diffuser, made possible by incorporating LED technology. Designed by Michel Tortel, this compact luminaire harmoniously integrates both functionality and finish. For instance, the cooling fins on the base section add a certain elegance by continuing the flow of the pole. Zela emits a pleasant, low glare light, making it perfect for architectural spaces.
Zela | SUMMARY

Concept

Zela is a post-top LED luminaire characterised by its refined design by Michel Tortel and its indirect lighting. The luminaire is composed of an aluminium base and a protector in polycarbonate.

The light emitted by the photometrical engine is distributed by a highly reflective white polycarbonate reflector. Available with symmetrical and asymmetrical light distributions, this luminaire offers superior visual comfort.

The Zela range offers various options thanks to multiple modules of LEDs (8, 12, 16 or 24) and light distributions. The Zela luminaires provide a flexible and cost-effective indirect lighting solution for the creation of ambiance in squares, parks, residential streets and urban roads.

Zela can be installed using a slip-over mounting on a Ø60mm or Ø76mm spigot.

Types of application

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

Key advantages

- Low glare thanks to indirect lighting
- Delivered pre-wired to ease installation
- Available with multiple lumen packages
- Symmetrical light distribution for general area lighting or asymmetrical light distribution for lighting roads and streets

Access to electronic and optical compartments by loosening 2 screws.

Zela is available with symmetrical or asymmetrical indirect light distributions.

Zela is designed for post-top installation on a Ø60mm or Ø76mm spigot.

Zela provides high visual comfort and low glare.
Using metal reflectors with a superior reflective coefficient, the ReFlexo™ photometric engine delivers high performance for specific applications such as counter beam lighting in tunnels or very extensive light distributions for sports or apron lighting. Another key advantage of the ReFlexo™ is its' ability to direct all the light to the front of the luminaire, ensuring that no back light is emitted. This photometric engine guarantees glare free lighting for excellent visual comfort and the creation of ambiance.
Intelligent luminaire drivers can be programmed with complex dimming profiles. Up to five combinations of time intervals and light levels are possible. This feature does not require any extra wiring. The period between switching on and switching off is used to activate the preset dimming profile. The customised dimming system generates maximum energy savings while respecting the required lighting levels and uniformity throughout the night.

Photocell or daylight sensors switch the luminaire on as soon natural light falls to a certain level. It can be programmed to switch on during a storm, on a cloudy day (in critical areas) or only at night fall so as to provide safety and comfort in public spaces.
## Zela | CHARACTERISTICS

### GENERAL INFORMATION
- **Recommended installation height**: 3m to 6m | 10’ to 20’
- **Driver included**: Yes
- **CE Mark**: Yes
- **ENEC certified**: Yes
- **ROHS compliant**: Yes
- **Testing standard**: LM 79-08 (all measurements in ISO17025 accredited laboratory)

### HOUSING AND FINISH
- **Housing**: Aluminium
- **Composite materials**: Yes
- **Optic**: Polycarbonate
- **Protector**: Polycarbonate
- **Housing finish**: Polyester powder coating
- **Standard colour(s)**: AKZO grey 900 sanded
- **Tightness level**: IP 66
- **Impact resistance**: IK 10
- **Vibration test**: Compliant with modified IEC 68-2-6 (0.5G)
- **Access for maintenance**: By loosening screws on the bottom cover

### OPERATING CONDITIONS
- **Operating temperature range (Ta)**: 
  - -30 °C up to +35 °C / -22 °F up to 95°F

### ELECTRICAL INFORMATION
- **Electrical class**: Class I EU, Class II EU
- **Nominal voltage**: 220-240V – 50-60Hz
- **Power factor (at full load)**: 0.9
- **Surge protection options (kV)**: 10
- **Electromagnetic compatibility (EMC)**: EN 55015 / EN 61547
- **Control protocol(s)**: DALI
- **Control options**: Custom dimming profile, Photocell

### OPTICAL INFORMATION
- **Upward Light Output Ratio (ULOR)**: <10%

*ULOR may be different according to the configuration. Please consult us.*

### LIFETIME OF THE LEDS @ TQ 25°C
- **All configurations**: 100,000h - L90

- Depending on the luminaire configuration. For more details, please contact us.
### DIMENSIONS AND MOUNTING

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tr>
<td>Weight (kg</td>
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<td>Aerodynamic resistance (CxS)</td>
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<tr>
<td>Mounting possibilities</td>
<td>Post-top slip-over – Ø60mm</td>
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<tr>
<td></td>
<td>Post-top slip-over – Ø76mm</td>
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![Zela Diagram](image)
## Zela | PERFORMANCE

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<th>Current (mA)</th>
<th>Min (lm)</th>
<th>Max (lm)</th>
<th>Min (W)</th>
<th>Max (W)</th>
<th>Luminaire efficacy (lm/W)</th>
<th>Up to (W)</th>
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Tolerance on LED flux is ± 7% and on total luminaire power ± 5%
6303 SY

6370 Narrow Asymmetric

6373 Wide Asymmetric