

3345 - Loto 6 - COB

Code: 330265-00



Loto is the new frontier of lighting at the service of modern cities, public places and residents. With Loto, innovation is perfectly harmonised with the most advanced technologies in terms of quality and light emission. Energy optimisation of consumption derives from the research in the field of LED sources and their management in order to achieve greater performance in different conditions of use and based on the specific lighting parameters required. It is a cutting-edge product in terms of quality and shape, with a design that differs from most products currently on the market, enabling to fit into any urban context, both historical and contemporary, as well as in green, pedestrian and vehicular traffic areas. Its design combines technology and nature, making it resemble the shape of a plant. It's a visual presence capable of conveying the concepts of quality and light aimed at the well-being and excellence of the surrounding urban spaces. Available in pole-mounted versions with wide beam, asymmetric street and cycle lane optics.



GENERAL INFORMATION

| | |
|---------|---------------------|
| Article | 3345 - Loto 6 - COB |
| Code | 330265-00 |

DIMENSIONS AND WEIGHT

| | |
|-------------|---------|
| Length (mm) | 585 mm |
| Width (mm) | 565 mm |
| Height (mm) | 650 mm |
| Weight (Kg) | 10.4 kg |

INSTALLATION

| | |
|-------------------------------------|----------------------------|
| Diameter (Ø) of pole connector (mm) | 60-60 mm |
| Surface exposed to wind (mm) | L 104600 mm², F 230000 mm² |

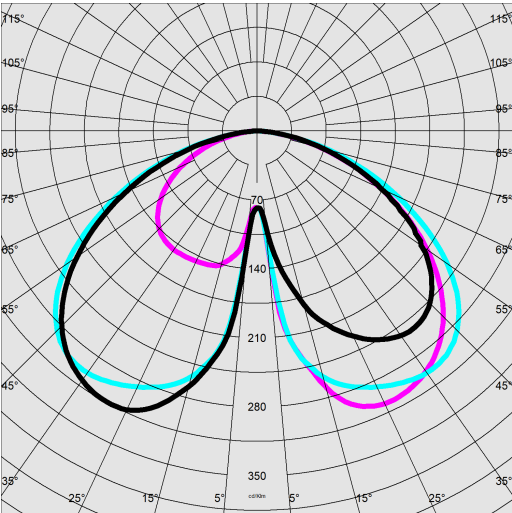
ELECTRICAL CHARACTERISTICS AND CONTROLS

| | |
|-------------------------------------|--------------|
| 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 | 850 mA |
| Surge protector (common) (EN 61547) | 10 kV, 10 kV |
| Insulation class | Class II |
| Controllability | None |

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PHOTOMETRIC DATA



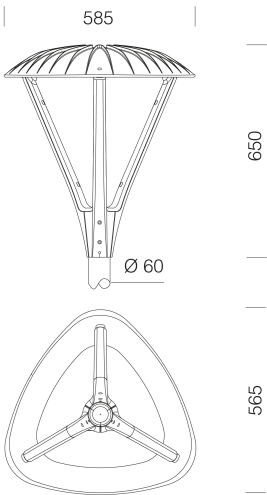
| | |
|------------------------------|--|
| Lighting source | LED |
| CRI | 80 |
| Luminous flux (output) (lm) | 3632 lm |
| Power absorption (total) (W) | 31 W |
| CCT | 4000 K |
| Luminous efficacy (lm/W) | 117 lm/W |
| Low Flicker | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance | 90000 hr, L 80, B 10 |

MECHANICAL CHARACTERISTICS

| | |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK09 |
| IP | 66 |
| Ambient temperature - min | -20 °C |
| Ambient temperature - max | 40 °C |

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DOWNLOAD

MOUNTS

AssemblyInstructions loto 03-23.pdf

DESIGNS

TechnicalDrawing loto-24.dxf



MATERIALS AND COLOURS

| | |
|--------------------------------|---|
| Housing | in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins integrated in the cover. |
| Diffuser | 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 | suited for poles with a diameter of 60 mm. |
| Coating | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint. |
| Special coating (UPON REQUEST) | Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea. |
| Colour | Graphite |
| Equipment | <ul style="list-style-type: none">- waterproof connector for quick installation with no need to open the fixture.- anti-condensation valve.- temperature controller with auto-reset.- EN 61547 compliant surge protection. |

STANDARDS AND COMPLIANCE

| | |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr |
| Markings and tests | CE |
| Reference standards | EN60598-1. They have a degree of protection according to the EN60529 standard. |
| Energy Label | E |

GEAR

| | |
|--------------|---|
| Upon request | The fixture can be equipped with a control system to manage the 1-10V dimming line and allow data reception and transmission. |
|--------------|---|

WARRANTY

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

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5 Fibreglass pole



1278 Conical



1481 steel conical pole to be buried



1480 steel conical pole with base



1478 Urban Pole to be buried



1477 Urban Pole - with base



1408 Fluted pole ø 100 with base



1409 Fluted pole ø 100



1508 Fluted pole ø 120 with base



1509 Fluted pole ø 120