

3345 Loto 6 - COB

Loto is the new frontier of lighting design for the city, its citizens and spaces. Thanks to Loto innovation is combined with the most advanced technologies in terms of light quality and emission. The optimisation of energy consumptions is the result of the research in LED development, while a more interactive light control has the goal to improve performances in different applications based on the required lighting needs. An innovative product in quality and shape, with a design that breaks away from the most popular examples currently on the market and that blends perfectly into any urban scenario, whether historic or contemporary, as well as in green spaces and pedestrian or vehicle traffic areas. Its shape dialogues with technology and nature: it is designed to resemble a plant that sprouts from the ground. It creates a visual presence capable of conveying the impression of quality and light aimed at ensuring the wellbeing of users and enhancing the excellence of the surrounding urban spaces.

Housing and frame: pressed in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins are integrated into the cover.

Diffuser: tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Equipment: Automatic temperature control device. In the event of an unexpected LED temperature rise caused by particular weather conditions or a LED failure, the system will reduce the luminous flux to lower the working temperature and guarantee proper operation. Safety diode to protect against voltage peaks.

Equipped with an air-circulation valve.

Energy-saving: the possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions, and also help you deal with maintenance and retrofitting problems. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

LED: Latest generation LED technology, Ta-20 + 40°C. Photobiological safety class: exempt group EN62471.

Heat sink: the heat dissipation system is specially designed and made to allow the operation of the LED lights with temperatures ensuring excellent performance/efficiency and durability.

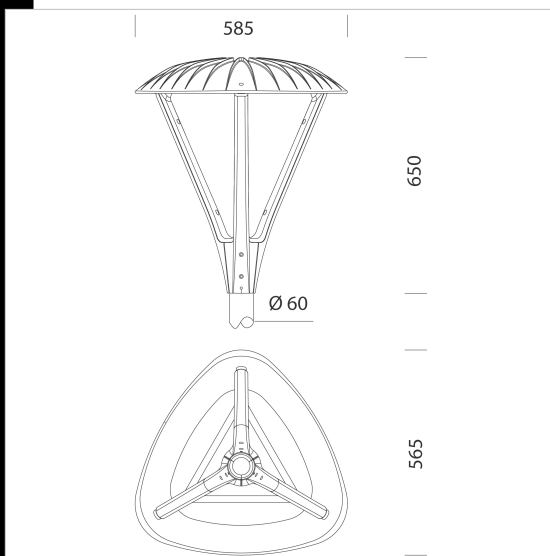
LED: Power factor ≥ 0.9 .

Luminous flux maintenance: 80%: 50.000h (L80B20)

On request: possibility for the various options for manag

Surface exposed to wind: 1046 cm².

Upon request: Coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.



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- BIM
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Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330264-00	CLD	9,52	LED-3502lm-1400mA-4000K-CRI 90	58 W	GREY9007	10kV
330265-00	CLD	9,68	LED-3502lm-1400mA-4000K-CRI>80	58 W	GRAPHITE	10kV
330264-73	CLD	9,36	LED COB AMBER-3934lm-2200K-amber-	58 W	GREY9007	10kV
330265-73	CLD	9,54	LED COB AMBER-3934lm-2200K-amber-	58 W	GRAPHITE	10kV
330264-39	CLD	9,52	LED-3257lm-1400mA-3000K-CRI 90	58 W	GREY9007	10kV
330265-39	CLD	9,66	LED-3257lm-1400mA-3000K-CRI 90	58 W	GRAPHITE	10kV

The reported luminous flux is the flux emitted by the light source with a tolerance of $\pm 10\%$ compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated