

Pole top mounted, pole side mounted luminaires 3630 LED

Luminaire housing and pole top or side mounting made of recyclable, die-cast aluminium with a powder coated finish. Housing without external cooling fins.

Pole attachment: Pole top/side combination as pole top for a pole spigot diameter of 76 and 60mm, with a tilt adjustment of 0° to 15° or side entry for spigot diameters from 60-42mm, as a side entry version with a tilt adjustment of 15° the luminaire in the horizontal position (0°), can be tilted up to 15°.

Luminaire cover made of extra toughened safety glass, flat with two-coloured print. Can be opened without tools using a quarter-turn quick-release lock and can be opened downwards. Waterproofing achieved by using weather-resistant gasket between housing and glass.

Surface vulnerable to wind 0.1m², protection rating I or II, ingress protection IP66.

Modular LED unit with lens optics in multi-layer technology.

Optical system consisting of highly efficient UV- and temperature-resistant lens system for optimal and precise light distribution.

Optics for different light distribution characteristics, different lighting situations, at least 7 optics, must be available.

The LED unit and the operating device can be individually replaced.

With a replaceable LED module, including lens system with asymmetrical, wide beam luminous intensity distribution. Limiting the light emission to the upper half space to reduce light pollution (ULOR 0%).

Rated power (including driver) 12W- 140W

Light colour neutral white (nw), colour temperature 4000K

Colour rendering index $R_a > 70$

Specific parameters for rated LED lifetime: L80B10, for 100,000h, Luminaire housing as integral part of the highly effective heat management for the operating security and safeguarding of the performance data over the lifetime for device unit, LED module and driver. Passive heat management, housing without cooling fins.

Overvoltage protection up to 8kV.

Electrical connection via 5-pole terminal.

LED driver prepared for connection to an external control system via DALI interface. Prepared for integration of management systems. Optionally, Constant Lumen Management (CLM), autonomous power reduction via integrated evaluation electronics up to 5 dimming levels (LRA) or a power reduction by switching off one phase (LRT) are possible.

ENEC mark

Coating: DB 703

Ingress protection: IP66

Impact strength class IK 08

Protection rating: I or II