

Pole side mounted luminaire 5050 LED

Luminaire housing made of two-coloured, recyclable, high-quality, extruded aluminium with a powder coated finish. Housing in DB 703, pole top in RAL 9006, without external cooling fins.

Pole attachment: Side mounting for pole spigot diameter of 42, 48mm, 60mm with reducing part.

Luminaire cover made of extra toughened safety glass, flat, placed flush in housing and sealed with glue from the inside. Waterproofing achieved by using weather-resistant EPDM gasket.

Surface vulnerable to wind 0.06m², protection rating II, ingress protection IP65.

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) 18 - 72W

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 6kV.

With connected line 9m, H07 RN-F 5G1, 5mm

LED driver prepared for connection to an external control system via DALI interface. 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.

Coating: DB 703 + RAL 9006

Ingress protection: IP65

Impact strength class IK 10

Protection rating: II