

Pole top mounted luminaire 5480 ***LED***

Technical and decorative chalice luminaire with timeless, elegant design. Pole top and struts constructed from shape-retaining and corrosion-resistant aluminium.

Structurally secure three-point pole attachment with three grub screws in conically shaped pole top for pole spigot diameter of 76mm. Standard coating in DB 703, special colours by request.

The fully encapsulated electronic component, equipped for an LED driver, can be completely removed without tools and is designed for protection rating 2. The electrical isolation takes place via isolating plug.

The cover consists of a chalice-shaped glass made of satin-finished PMMA (acrylic) or, if desired of clear PMMA.

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

The two to three interchangeable LED modules made of an aluminium core printed circuit board, each with 8 highly efficient high-power LEDs arranged in 2x4 rows of LEDs, with integrated NTC on the board to protect the LED unit from overheating.

The LED module change takes place by removing the upper top part.

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. LED module, including lens system with wide beam, asymmetrical (Optic O7), symmetrical (Optic O8) or linear shaped (Optic O9) luminous intensity distribution.

Rated power (including driver) 10-54W

Colour temperature 3000K or 4000K

Colour rendering index $R_a > 70$

Specific parameters for LED lifetime: L80B10, lifetime 100,000h

The highly effective heat management ensures the operating security of the device unit, LED module and driver.

Overvoltage protection against voltage peaks up to 6kV

Electronic driver with integrated dimming functions, optionally possible with: Power reduction by switching off the control line or autonomous power reduction for time-dependent power reduction (midnight point), optionally with constant luminous flux 'CLM' (Constant Lumen Management).

Luminaire intended for operation with constant alternating voltage 230 V according to DIN IEC 38.

Ingress protection: IP65

Protection rating: II