

## ***Pole top mounted luminaire 3454 LED***

Technical and decorative top-mounted luminaire in timelessly elegant design. Luminaire housing made of shape-retaining and corrosion-resistant aluminium, pole top made of die-cast 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 clear cylindrical tube made of PMMA and is satin-finished above in the area of the LED module.

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

Two 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 NZC 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) 19-38W

Colour temperature 4000K or 3000K

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: I or II