

Shade luminaire 8446 LED

Technical/decorative shade suspended luminaire with timeless, elegant design. One-piece luminaire housing constructed from dimensionally-stable and corrosion-resistant aluminium.

Standard coating DB 703.

Attachment to the curved bracket using VPS quick-assembly cone system.

The glass enclosure is made of clear-pearled PMMA.

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 NTC on the board to protect the LED unit from overheating.

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.

Low glare through a large optical surface. Limiting the light emission to the upper half space to reduce light pollution (ULOR <1%).

Efficient heat management through built-in heat sink.

Rated power (including driver) 12-29W,

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

Colour rendering index $R_a > 70$

Specific parameters for rated LED lifetime: vL80B10, for 100,000h

Integrated overvoltage protection against voltage peaks up to 8kV (with protection rating II 6kV).

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.

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

Ingress protection: IP65

Protection rating: I or II