

## Shade luminaire 8447 LED

Technical decorative shade suspended luminaire in timelessly elegant design. Luminaire shade made of shape-retaining and corrosion-resistant aluminium, luminaire dome made of cast aluminium.

Standard coating DB 703.

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

The glass enclosure is made of clear-pearled or clear-smooth 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 16 highly efficient high-power LEDs arranged in 4x4 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.

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

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

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

Rated power (including driver) 13-72W

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

Colour rendering index  $R_a > 70$

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

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

Efficient heat management through built-in heat sink.

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