

Catenary suspended luminaire 3125

LED

Technical and decorative catenary suspended luminaire in slightly rounded, aerodynamic form, luminaire housing made of extruded aluminium, standard coating DB703, catenary suspension, screws and fastening components made of stainless steel.

Attachment mechanism for suspension cables, 8-12mm.

Junction box integrated in the suspension, aligned for through-wiring.

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

Surface vulnerable to wind 0.05m², 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, with NTC integrated on the board to protect the LED unit from overheating.

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.

LED module, including lens system with wide beam, asymmetrical luminous intensity distribution. Limiting the light emission to the upper half space to reduce light pollution (ULOR 0%)

Rated power (including driver) 32 - 100W.

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.

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.

Ingress protection: IP65

Impact strength class IK 10

Protection rating: II