

Product data sheet

SHL-L 180/620-840 SM

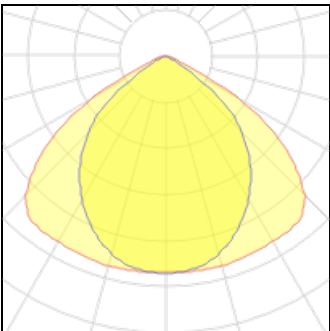
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RIDI



Sports hall luminaire SHL-L with LED Design: Closed surface-mounted luminaire, ball-proof, includes lamp, for ceiling, pendant or trunking rail mounting. Rigid luminaire housing in white powder coated steel housing, colour similar to RAL 9016. Prefitted top mirror reflector in high reflectance super-purity aluminium with silver coating, matt anodized. Narrow frame in extruded sectional aluminium with panel in impact-resistant UV stabilised PMMA. Frame held in the housing with spring clips, hinges down on both sides. Colour rendering in index Ra \geq 80, colour temperature 4000 Kelvin (840), other colour temperatures possible on request. Lampholder system: RIDI-TUBE lamp base system with electrical and mechanical interface, proof against polarity reversal. Twist-clip mechanism for toolless lamp change corresponding to conventional fluorescent lamps. Mechanical and electrical fixture on the longitudinal sides inside the base. Electronic converter for LED, 230 Volt, 0/50-60 Hz and external connector block. Suitable for direct voltage operation and use in central battery systems Mounting: Pendant and ceiling mounting of luminaires with suitable fixing kits. Time-saving click mounting on the TRAS trunking system without opening the luminaires. Pendant mounting of 1 and 2-lamp luminaires on one trunking rail, 3 and 4-lamp luminaires on two parallel trunking rails. Using accessory SHL-DB 0227922 the luminaires can be mounted directly on the ceiling or other fixing surface without trunking. For this, the luminaire must be opened. Continuous mounting using external connector SHL-LV, face end break-out D 20 for through wiring. Note "ball resistant": RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3 and have been tested for that purpose by the MPA or VDE. The ball resistant rating certifies the high level of robustness of these models, which is also a significant benefit in industrial luminaires. SHL-L ... SM Clear panel and parabolic louvre in high-reflectance super-purity aluminium with silk matt anodised silver coating, symmetrical light distribution.

Light output 1



1 x LED			
Nominal lamp power	48 W	LOR	93%
Lamp flux	6760 lm	Total flux	6258 lm
Luminous efficacy	130 lm/W	Total power	48 W
CCT	4000 K		
CRI	80		

Mounting mode

Ceiling mounted, Pendant

Shape and measurements

Length: 59.06 in

Width: 7.87 in

Height: 3.15 in

Weight: 0.6 kg

Electric

System power: 48 W

Protection

IP: 20

Designation labels: CE

Other operating numbers

Ambient temperature range: -4...113°F

Adjustability

Fixed

Design

Material impression: Aluminum

Color of housing: White