

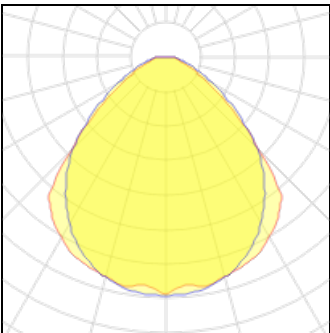
Product data sheet

ESHL-L 180/670-840 PSB
0850166
RIDI



Recessed sports hall luminaire Design: Closed recessed single luminaire, ball-resistant. Includes RIDI-LED lamp L-TUBE-B. Stable luminaire housing in white powder-coated steel, colour similar to RAL9016. End caps with additional break-off openings for mains cables or through wiring. Narrow frame in extruded sectional aluminium with panel in tough UV-stabilised PMMA. Frame held invisibly in the luminaire housing by spring catches, hinges down on both sides with automatic connection to the earth conductor. Colour rendering in index Ra >= 80, colour temperature 4000 Kelvin (840), other colour temperatures possible on request. Electronic converter for LED, 230 Volt, 0/50-60 Hz and internal connector block. Suitable for direct voltage operation and use in central battery systems. Mounting: Prepared for mounting in different ceiling systems using suitable fixing kit (accessory). When mounting using fixing kit 10-713 or 10-717, with 3 x ... Watt lamps or more, a 6-point fixture is required. As a set contains 4 parts, the required number x must be determined: $X = (n \times 6) / 4$, whereby n = number of luminaires and result x is rounded up to the next highest number. Ball-proof ceiling surface mounting or pendant fixture of the 2, 3 and 4-lamp luminaires are only possible with 4-point fixture. When using trunking, 2 parallel rails are required for this. 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. ESHL-L ... PSB Prismatic panel PSB made of PMMA, with external prisms. Reflector made of high-reflectance matt anodised super-purity aluminium with silver coating, symmetric beam.

Light output 1



1 x LED			
Nominal lamp power	48 W	LOR	77%
Lamp flux	6760 lm	Total flux	5236 lm
Luminous efficacy	109 lm/W	Total power	48 W
CCT	4000 K		
CRI	80		

Mounting mode

Ceiling recessed

Shape and measurements

Length: 60.94 in
Width: 7.28 in
Height: 3.50 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 48 W
Appliance Class: I

Protection

IP: 40