

# Product data sheet

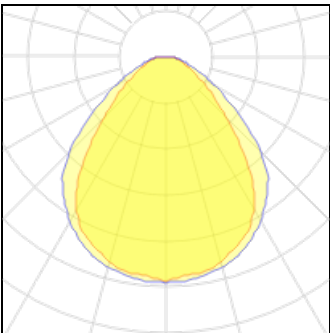
ESHL-L 480/2680-840 PSB  
0850175  
RIDI



IP  
20

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



4 x LED			
Nominal lamp power	48 W	LOR	82%
Lamp flux	6760 lm	Total flux	22245 lm
Luminous efficacy	116 lm/W	Total power	192 W
CCT	4000 K		
CRI	80		

## Mounting mode

Ceiling recessed, Pole top mounted

## Shape and measurements

Length: 60.94 in  
Width: 24.57 in  
Height: 3.35 in

## Adjustability

Fixed

## Design

Color of housing: White

## Electric

System power: 192 W

## Protection

IP: 20