

# Product data sheet

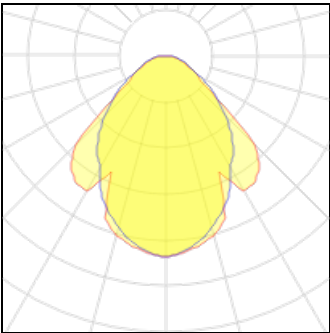
EBR-L 380/1860-840 T  
0850111  
RIDI



IP  
20

Recessed LED luminaire for sportshalls EBR-L Design: Recessed single luminaire, ball-proof. Includes RIDI-LED lamp L-TUBE-B. Luminaire housing in white powder coated steel, colour similar to RAL 9016. End caps with additional break-outs for cables or through wiring. Louvre fixed using fastening catches, hinges down on both sides with automatic connection to the earth conductor. Colour rendering in index Ra >= 80, colour temperature 4000 Kelvin (840) Lampholder system: Aluminium cap profile fixture on the luminaire side for efficient heat transfer, spring steel fixing clip on the lamp side for positive locking connection with cap profile. Locking on the longitudinal side by means of a catch. Easy removal through blue plastic component. Plug and socket electrical connection. 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 integration in different ceiling systems using suitable fixing kits (accessory). For compensation of uneven ceilings, with 3 x ... Watt lamps or more, 6-point fixture is possible. 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 regarding wiring: EBR. 180, 280: all lamps are wired to L1. (180 with 1 device, 280 with 2 devices) EBR. 380: central lamp wired to L1, outer lamps to L2. (3 devices) EBR. 480: both central lamps wired to L1, outer lamps to L2. (4 devices) Other wiring arrangements are available on request. 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. EBR-L ... T Ball resistant to DIN 18032. White steel louvre with patented fastening catches in white coated steel, colour RIDI reflex white, similar to RAL9016, reinforced with circular rods.

## Light output 1



3 x LED			
Nominal lamp power	48 W	LOR	83%
Lamp flux	6760 lm	Total flux	16896 lm
Luminous efficacy	117 lm/W	Total power	144 W
CCT	4000 K		
CRI	80		

## Mounting mode

Ceiling recessed

## Shape and measurements

Length: 60.98 in  
Width: 19.09 in  
Height: 3.74 in

## Adjustability

Fixed

## Electric

System power: 144 W

## Protection

IP: 20

## Design

Color of housing: White