

# Product data sheet

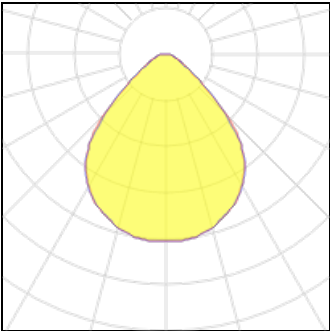
EBRE-LED 414/2700-840 MPS  
0822889  
RIDI



IP  
20

Recessed LED luminaire Design: Recessed single LED luminaire for modular ceilings 625 x 625. Stable luminaire housing in white powder-coated steel (similar to RAL9016). Diffuser held in the luminaire housing with spring catches, hinges down on both sides with automatic connection to the earth conductor. LED module formed as a circuit board. Mid-power LEDs ensure even illumination and maximum efficiency. LED driver prefitted in luminaire housing. Operation at safety extra-low voltage below 60 Volt (SELV-conformity). Colour rendering in index Ra  $\geq$  80, colour temperature 3000 Kelvin (830), 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: Recessed mounting in different ceiling systems with suitable fixing kit, or lay-in mounting in ceiling systems with visible support rails and laid-in ceiling panels. For lay-in mounting, no additional fixing accessories are required. Note "LABS": These luminaires fulfil the specifications of VDMA 24364 2018-05 standard and are thus free from paint wetting impairment substances (LABS conformity). Testing was carried out by the Fraunhofer Institute in Stuttgart, Germany. The luminaires are suitable for use in paint processing companies. EBRE-LED ... MPS Protection rating similar to IP40 on the room side and IP20 on the ceiling side. Frame MPS in extruded aluminium with inlaid transparent acrylic panel made of UV-stabilized PMMA with microprism structure to create glare-free VDU workplace lighting. LED spots visible as a circle on the microprism panel.

## Light output 1



2 x LED			
Nominal lamp power	8 W	LOR	76%
Lamp flux	1300 lm	Total flux	1963 lm
Luminous efficacy	123 lm/W	Total power	16 W
CCT	4000 K		
CRI	80		

## Mounting mode

Ceiling recessed

## Shape and measurements

Length: 24.49 in  
Width: 24.49 in  
Height: 2.36 in

## Adjustability

Fixed

## Design

Color of housing: White

## Electric

System power: 16 W

## Protection

IP: 20

## Other operating numbers

Ambient temperature range: -40...122°F