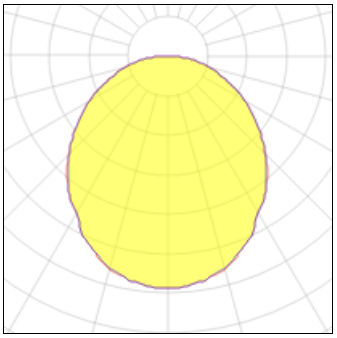
# Product data sheet

EBRE-LED 236/5200-840 OSD
0822818
RIDI



Recessed LED luminaire EBRE-LED Design: Recessed LED single luminaire for 625x625 modular ceilings. Protection rating IP54. Rigid luminaire housing in white powder-coated galvanised steel, colour similar to RAL9016. Frame retained in the luminaire body by spring clips at four brackets, hinges down on both sides for automatic connection to the earth conductor. Gaskets to ensure compliance with the IP rating and Surrounding gasket glued in the luminaire rim to seal against the ceiling. LED modules formed as a flat board. Mid power LEDs for even illumination and maximum efficiency. LED drivers prefitted in luminaire housing. SELV-conforming operation of LED modules with less than 60 Volts. 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: For mounting in different ceiling systems using suitable fixing kits or lay-in installation in exposed trunking ceiling systems with lay-in ceiling tiles. No additional fixing accessories are required for this. EBRE-LED ... OSD Frame OSD in extruded sectional aluminuim with laid-in opal acrylic panel in UV-stabilised PMMA. Panel made of high-grade material with matt finish on both sides with high degree of transmission of 72%. Homogenous illumination without visible LED spots. Note on “Food Hygiene Act”: These luminaires comply with the stipulations of the Food Hygiene Act as defined by Regulation (EC) No. 852/2004 (HACCP) Annex II Chapter I section 2 a, b, Chapter II section 1c relating to luminaires. These are suitable for use in the food industry.

## Light output 1



### 2 x LED

| | | | |
|---|---|---|---|
| Nominal lamp power | 16 W | LOR | 75% |
| Lamp flux | 2600 lm | Total flux | 3909 lm |
| Luminous efficacy | 122 lm/W | Total power | 32 W |
| CCT | 4000 K | | |
| CRI | 80 | | |

### Mounting mode

Ceiling recessed

### Shape and measurements

Length: 49.09 in
Width: 12.20 in
Height: 3.54 in

### Adjustability

Fixed

### Design

Color of housing: White

### Electric

System power: 32 W
Appliance Class: I

### Protection

IP: 54