

Product data sheet

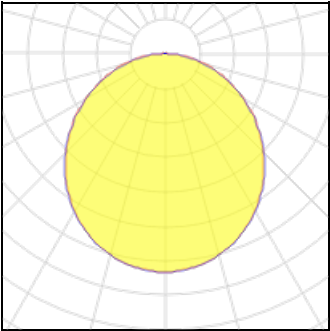
FLEXILED RE OPAL S/A 2X55° 12/20W 840 WH-RAL9016
3123288
PERFORMANCE IN LIGHTING



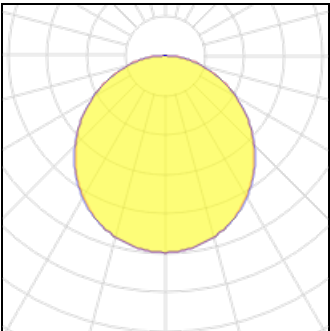
Part number: 3123288. Serie: FlexiLed. Recessed lights, comprising: Housing made of form-stable 1.0 mm sheet steel. Impact-resistant, impression-resistant powder coating. Opal PMMA diffuser for optimal light distribution and uniformity. Maintenance and installation-friendly design (complies with the EU Eco-Design Directive 2019/2020). Maximum values for efficiency and service life for the allocation of subsidies and building certification (e.g. BEG subsidy, LEED, BREEAM). Reliable and low-maintenance 50,000h L80B10. Colour tolerance according to MacAdam 3 SDCM. 2 power levels adjustable. Incl. pre-assembled installation spring. Special colour versions available. Consult factory.

Product data | ETIM Group: EG000027. ETIM Class: EC002892. General information | Lampholder: LED. Lightsource lumen output [lm]: 2130/3360. Luminaire lumen output [lm]: 1770/2790. Luminous efficacy [lm/W]: 148. CRI: 80. Colour temperature [K]: 4000. Colour / Finishing: WH-RAL9016 / White RAL9016 / Textured. IP degree of protection: IP20. IK05 0.7J xx3. Protection class: I. Optic: S/A - Symmetric direct. Beam angle: 2 x 55°. Net weight [kg]: 3.222. Overall length [mm]: 1200. Overall width [mm]: 150. Overall height [mm]: 12. Minimum installation depth [mm]: 80. Mechanical features | Shape: Rectangular. Diffuser material: Opal plastic. Glow wire test [°C]: 650 °C. Electrical features | Voltage type: AC. Input voltage [V AC]: 220/240. Input frequency [Hz]: 220-240V 50/60Hz. Power factor / COS Φ: 0.9. Power levels selectable during installation. Installation | Application area: PROFESSIONAL INDOOR. Mounting type: Ceiling recessed. Min. ambient temperature [°C]: 10. Max. ambient temperature [°C]: 40. Light features | ILCOS: DSL. MacAdam: 3. Lumen maintenance: L80B10@50000h. Distribution of light emission: Direct. DFF - Downward Flux Fraction [%]: 100. Certifications | CE certified. UKCA certified. Mountable on normally inflammable surfaces.

Light output 1



1 x LED			
Nominal lamp power	12 W	LOR	100%
Lamp flux	1767 lm	ULOR	78%
Luminous efficacy	147 lm/W	Total flux	1767 lm
CCT	4000 K	Total power	12 W
CRI	80		



1 x LED			
Nominal lamp power	20 W	LOR	100%
Lamp flux	2791 lm	ULOR	78%
Luminous efficacy	140 lm/W	Total flux	2791 lm
CCT	4000 K	Total power	20 W
CRI	80		

Mounting mode

Ceiling recessed

Electric

System power: 12-20 W
Appliance Class: 0

Shape and measurements

Length: 47.24 in

Width: 5.91 in

Height: 1.02 in

Adjustability

Fixed

Design

Color of housing: White

Protection

IP: 20

IK: 05

Designation labels: CE, F