LEDVANCE

PRODUCT DATASHEET
Ceiling Essential 250mm 13W 6500K

Essentials Ceiling | Essential Ceiling luminaires for basic user purposes

Areas of application

– Living areas

Product benefits

– Simple installation thanks to light-weight design
– Decorative wall light

Product features

– Wall and ceiling luminaire
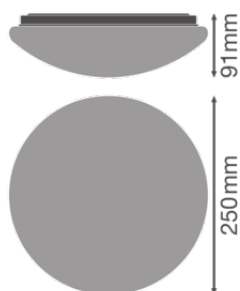
TECHNICAL DATA

Electrical data

Nominal wattage	13.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	65.000 mA
Inrush current time T_{h50}	6.6 µs
Max. number of luminaires per miniature circuit breaker B16	98
Max. number of luminaires per miniature circuit breaker C16	123
Power factor λ	> 0.70
Total harmonic distortion	< 70 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	960 lm
Total luminous flux of contained light sources	1500 lm
Luminous efficacy	73 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

Dimensions & Weight

Diameter	250.00 mm
Height	91.00 mm
Product weight	330.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Plastic
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Cable, 3-pole
Type of protection	IP20
Dimmable	No
Mounting type	Surface
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	20000 h [1]
Number of switching cycles	50000

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE
PDF	Declarations Of Conformity UKCA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075762510	Folding box 1	280 mm x 98 mm x 282 mm	470.00 g	7.74 dm³
4058075762527	Shipping box 10	575 mm x 510 mm x 305 mm	5222.00 g	89.44 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.