PRODUCT DATASHEET
DOWNLIGHT INSERT 12W 6500K 950LM ROUND

INSERT | LED luminaires with 4 ways of installation: recessed, surface-mounted, suspended and on the wall

Areas of application

– Corridors
– Living rooms
– Bedrooms

Product benefits

– High luminous efficacy
– Up to 40 % energy savings (compared to luminaires that use 15 W CFL lamps)
– Easy and quick installation
– Very homogenous light
– 3 years guarantee

Product features

– Beam angle: 120°
– Type of protection: IP20 or IP44 (model dependent)
– Color temperature: 3,000 K, 4,000 K, 6,500 K

TECHNICAL DATA

Electrical data

Nominal wattage	12.00 W
Nominal voltage	100…240 V
Mains frequency	50…60 Hz
Nominal current	94.000 mA
Power factor λ	0.70
Total harmonic distortion	< 25 %
Protection class	II

Photometrical data

Luminous flux	950 lm
Luminous efficacy	80 lm/W
Color temperature	6500 K
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdcm
Low flicker	Yes
Beam angle	120 °

Dimensions & Weight

Length	23.00 mm
Width	170.00 mm
Height	170.00 mm
Product weight	253.6 g

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
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	Power cable/Plug
Type of protection	IP20

Protection class IK (shock resistance)	IK07
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	155,0 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Lifespan L80/B10 at 25 °C	30000 h [1]
Lifespan L90/B10 at 25 °C	30000 h
Number of switching cycles	100000

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

Certificates & Standards

Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	IES file (IES)	LEDVANCE INSERT 12W/865 REDONDO G2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075055919	Folding box 1	172 mm x 172 mm x 23 mm	315.60 g	0.68 dm³
4058075055926	Shipping box 10	476 mm x 192 mm x 191 mm	3180.00 g	17.46 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.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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