

PRODUCT DATASHEET

CEILING ROUND 255 SEN 18W 865 IP44

CEILING ROUND IP44 SENSOR | Ceiling Lights with IP44 grade with occupancy sensor



Areas of application

- General illumination
- Public areas
- Stairways
- Corridors
- Bathrooms
- Basement

Product benefits

- Very homogenous light
- Simple installation
- 2 years guarantee

Product features

- Type of protection: IP44
- Wall and ceiling luminaire
- Sound sensor with adjustable detection parameters

TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	190.000 mA
Max. number of luminaires per miniature circuit breaker B16	26
Max. number of luminaires per miniature circuit breaker C16	41
Power factor λ	> 0.70
Total harmonic distortion	< 130 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1350 lm
Luminous efficacy	75 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Diameter	255.00 mm
Height	70.00 mm
Product weight	335.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
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, 2-pole
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	20000 h ¹⁾
---------------------------	-----------------------

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


Sensor

Type of sensor	Sound
----------------	-------

Certificates & Standards

Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	By the end consumer

DOWNLOAD DATA

Documents and certificates	Document name
 Legal information	Informationstext 18 Abs 4 ElektroG

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854106057	Folding box 1	77 mm x 262 mm x 266 mm	492.00 g	5.37 dm ³
4099854106064	Shipping box 8	545 mm x 327 mm x 295 mm	4725.00 g	52.57 dm ³

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.