

# PRODUCT DATASHEET

## CEILING ROUND 210 SEN 12W 830 IP44

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



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### Areas of application

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

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### Product benefits

- Very homogenous light
- Simple installation
- 2 years guarantee

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### Product features

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

## TECHNICAL DATA

### Electrical data

|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 12.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 95.000 mA             |
| Max. number of luminaires per miniature circuit breaker B16 | 89                    |
| Max. number of luminaires per miniature circuit breaker C16 | 112                   |
| Power factor $\lambda$                                      | > 0.70                |
| Total harmonic distortion                                   | < 130 %               |
| Protection class                                            | I                     |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 900 lm     |
| Luminous efficacy                            | 75 lm/W    |
| Color temperature                            | 3000 K     |
| Light color (designation)                    | Warm White |
| 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        |
| Beam angle                                   | 120 °      |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 210.00 mm |
| Height         | 62.00 mm  |
| Product weight | 262.00 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 <sup>1)</sup> |
|---------------------------|-----------------------|

<sup>1)</sup> 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854105951 | Folding box<br>1             | 70 mm x 217 mm x 222 mm              | 378.00 g     | 3.37 dm <sup>3</sup>  |
| 4099854105968 | Shipping box<br>10           | 455 mm x 367 mm x 252 mm             | 4521.00 g    | 42.08 dm <sup>3</sup> |

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.