# SQ 160 LED PLUS P 2100LM 830 IP44/20 II CL. EM3H PRM (17W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 572111 |
| **Ingress protection:** | IP44/IP20 |
| **Nominal power [W]:** | 17 |
| **Luminous flux [lm]*:** | 2100 |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **Energy efficiency class:** | E |
| **Material of the body:** | ABS |
| **Colour of the body:** | white |
| **Diffuser material:** | PC |

## CHARACTERISTICS

SQ 160 LED PLUS P AW is a new line of square luminaires. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, therefore it is characterized by low weight. The diffuser provides excellent light transmission. The integrated LED module guarantees low power consumption and all the advantages of modern LED light sources.

## APPLICATION

Recessed-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

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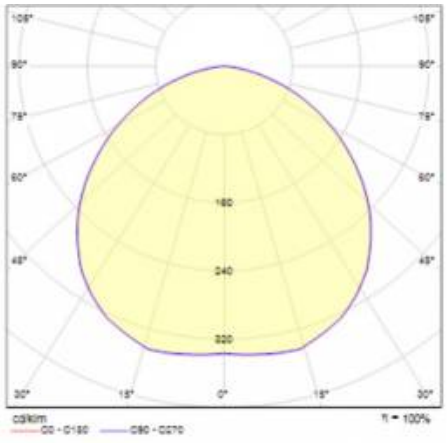
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 572111 |
| **EAN:** | 5905963572111 |
| **Nominal power [W]:** | 17 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 2100 |
| **Emergency luminous flux [lm]*:** | 165 |
| **Luminous efficacy [lm/W]:** | 112 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.99 |
| **Charging time [h:min]:** | 24 |
| **Battery life [h:min]:** | 3 |
| **Beam angle [°]:** | 115 |
| **Battery:** | Ni-Mh |
| **Battery capacity [mAh]:** | 2100 |
| **Diffuser material:** | PC |
| **Diffuser type:** | PRM |
| **Material of the body:** | ABS |
| **Colour of the body:** | white |
| **Dimensions (H/W/T/S) [mm]:** | 158/158/78 |

| | |
|---|---|
| **Mounting dimensions [mm]:** | 145/145 |
| **Impact resistance:** | IK08 |
| **Ingress protection:** | IP44/IP20 |
| **Mounting version:** | recessed |
| **Working temperature [°C]:** | od -20 do +35 |
| **Emergency lighting [h]:** | 3 |
| **Dimensions of single box [mm]:** | 310/225/68 |
| **Number on the palette [pcs]:** | 180 |
| **Net weight [kg]:** | 0.800 |
| **Category type:** | dual-function luminaires |
| **Operating mode:** | network-emergency |
| **UGR (4H8H):** | <28 |
| **LED lifespan L70B50 [h]:** | 150000 |
| **LED lifespan L80B10 [h]:** | 100000 |
| **LED lifespan L90B10 [h]:** | 50000 |
| **Light distribution type:** | lambertian |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Technical Warranty:** | 2 / 0.5 (battery) |
| **CE certificate:** | 14/2024 |
| **CNBOP certificate:** | 5152/2023 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES



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DETAILED CARD

## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 998942 | Frame square 220 for SQ160 white RAL9016 structure |



Frame square 220 for SQ160 white RAL9016 structure (998942)



The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 14/2024

LENA LIGHTING

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