

# SQ 160 LED PLUS P 2050LM 840 IP44/20 II CL. AW3H 75DEG (17W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |           |
|--------------------------|-----------|
| Index:                   | 571992    |
| Ingress protection:      | IP44/IP20 |
| Nominal power [W]:       | 17        |
| Luminous flux [lm]*:     | 2050      |
| Colour temperature [K]:  | 4000      |
| Colour rendering index:  | >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.

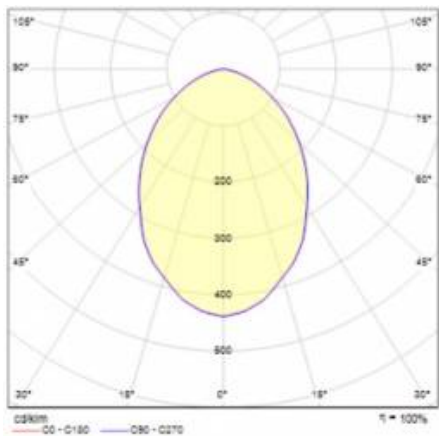
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## TECHNICAL PARAMETERS TABLE

|                                |               |                                |                                          |
|--------------------------------|---------------|--------------------------------|------------------------------------------|
| Nominal power [W]:             | 17            | Colour of the body:            | white                                    |
| Index:                         | 571992        | Dimensions (H/W/T/S) [mm]:     | 158/158/78                               |
| Colour temperature [K]:        | 4000          | Mounting dimensions [mm]:      | 145/145                                  |
| EAN:                           | 5905963571992 | Impact resistance:             | IK08                                     |
| Luminous flux [lm]:            | 2050          | Ingress protection:            | IP44/IP20                                |
| Emergency luminous flux [lm]*: | 165           | Mounting version:              | recessed                                 |
| Diffuser type:                 | OPAL          | Working temperature [°C]:      | -20 do +35                               |
| Supply voltage [V]:            | 220 - 240     | Emergency lighting [h]:        | 3                                        |
| Frequency [Hz]:                | 50 - 60       | Dimensions of single box [mm]: | 310/225/68                               |
| Luminous efficacy [lm/W]:      | 109           | Number on the palette [pcs]:   | 180                                      |
| Energy efficiency class:       | E             | Net weight [kg]:               | 0.800                                    |
| Electrical protection class:   | I             | Category type:                 | downlights                               |
| Colour rendering index:        | >80           | Operating mode:                | M                                        |
| SDCM:                          | ≤ 3           | UGR (4H8H):                    | <28                                      |
| Power factor:                  | 0.99          | LED lifespan L70B50 [h]:       | 132000                                   |
| Charging time [h:min]:         | 24            | LED lifespan L80B20 [h]:       | 84000                                    |
| Battery life [h:min]:          | 3             | LED lifespan L90B10 [h]:       | 42000                                    |
| Beam angle [°]:                | 75            | Technical Warranty:            | 2 / 0.5 (battery)                        |
| Battery:                       | Ni-Mh         | CE certificate:                | <a href="#">14/2024</a>                  |
| Battery capacity [mAh]:        | 2100          | CNBOP certificate:             | <a href="#">5152/2023</a>                |
| Diffuser material:             | PC            | Manual:                        | <a href="#">Download PDF</a>             |
| Optics:                        | lens          | Photobiological safety:        | RG0 - exempt (no photobiological hazard) |
| Material of the body:          | ABS           |                                |                                          |

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

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



Frame square 220 for SQ160 white  
RAL9016 structure (998942)

Card creation date: 09 January 2025

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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 14/2024