

# SQ 160 LED PLUS P 1700LM DALI 830 IP44/20 II CL. MAT (17W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                     |           |
|-------------------------------------|-----------|
| <b>Index:</b>                       | 572067    |
| <b>Ingress protection:</b>          | IP44/IP20 |
| <b>Impact resistance:</b>           | IK08      |
| <b>Nominal power [W]:</b>           | 17        |
| <b>Luminous flux [lm]*:</b>         | 1700      |
| <b>Colour temperature [K]:</b>      | 3000      |
| <b>Colour rendering index:</b>      | >80       |
| <b>SDCM:</b>                        | ≤ 3       |
| <b>Electrical protection class:</b> | II        |
| <b>Energy efficiency class:</b>     | F         |

## CHARACTERISTICS

SQ 160 LED PLUS P 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.

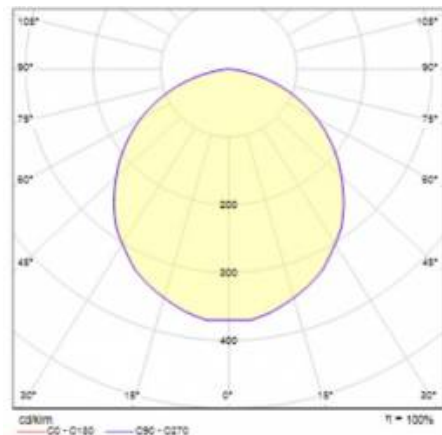
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## TECHNICAL PARAMETERS TABLE

|                              |           |                            |  |
|------------------------------|-----------|----------------------------|--|
| Index:                       | 572067    | Dimensions (H/W/T/S) [mm]: | 158/158/78                               |
| Nominal power [W]:           | 17        | Mounting dimensions [mm]:  | 145/145                                  |
| Supply voltage [V]:          | 220 - 240 | Impact resistance:         | IK08                                     |
| Frequency [Hz]:              | 50 - 60   | Ingress protection:        | IP44/IP20                                |
| Luminous flux [lm]:          | 1700      | Mounting version:          | recessed                                 |
| Luminous efficacy [lm/W]:    | 90        | Working temperature [°C]:  | -20 do +35                               |
| Energy efficiency class:     | F         | Control:                   | DALI                                     |
| Electrical protection class: | II        | Net weight [kg]:           | 0.340                                    |
| Colour temperature [K]:      | 3000      | Warranty [years]:          | 5  |
| Colour rendering index:      | >80       | Category type:             | downlights                               |
| SDCM:                        | ≤ 3       | LED lifespan L70B50 [h]:   | 132000                                   |
| Power factor:                | 0.99      | LED lifespan L80B20 [h]:   | 84000                                    |
| Beam angle [°]:              | 110       | LED lifespan L90B10 [h]:   | 42000                                    |
| Diffuser material:           | PC        | DIMM DALI:                 | yes                                      |
| Diffuser type:               | MAT       | CE certificate:            | <a href="#">14/2024</a>                  |
| Material of the body:        | ABS       | Manual:                    | <a href="#">Download PDF</a>             |
| Colour of the body:          | white     | Photobiological safety:    | RG0 - exempt (no photobiological hazard) |

## LIGHT CURVES



Card creation date: 19 August 2024

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



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