

# SQ 160 LED P 2300LM MAT 830 (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |         |
|--------------------------|---------|
| Index:                   | 570797  |
| Ingress protection:      | IP44/20 |
| Nominal power [W]:       | 21      |
| Luminous flux [lm]*:     | 2300    |
| Colour temperature [K]:  | 3000    |
| Colour rendering index:  | >80     |
| Energy efficiency class: | E       |
| Material of the body:    | ABS     |
| Colour of the body:      | white   |
| Diffuser material:       | PS      |

## CHARACTERISTICS

SQ 160 LED 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.

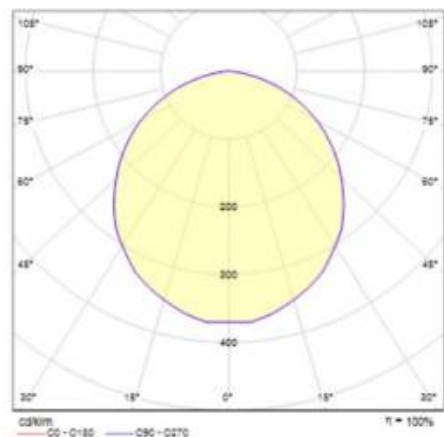
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## TECHNICAL PARAMETERS TABLE

|                                          |            |                                   |                                                                          |
|------------------------------------------|------------|-----------------------------------|--------------------------------------------------------------------------|
| <b>Nominal power [W]:</b>                | 21         | <b>Dimensions (H/W/T/S) [mm]:</b> | 158/158/70                                                               |
| <b>Index:</b>                            | 570797     | <b>Mounting dimensions [mm]:</b>  | 145x145                                                                  |
| <b>Colour temperature [K]:</b>           | 3000       | <b>Impact resistance:</b>         | IK08                                                                     |
| <b>Light source:</b>                     | LED module | <b>Ingress protection:</b>        | IP44/20                                                                  |
| <b>Luminous flux [lm]:</b>               | 2300       | <b>Glow wire test [°C]:</b>       | 650                                                                      |
| <b>Diffuser type:</b>                    | MAT        | <b>Mounting version:</b>          | recessed                                                                 |
| <b>Rated power of the luminaire [W]:</b> | 22         | <b>Working temperature [°C]:</b>  | from -20 to +35                                                          |
| <b>Beam angle [°]:</b>                   | 110        | <b>Net weight [kg]:</b>           | 0.270                                                                    |
| <b>Supply voltage [V]:</b>               | 220 - 240  | <b>Warranty [years]:</b>          | 5                                                                        |
| <b>Energy efficiency class:</b>          | E          | <b>Category type:</b>             | downlights                                                               |
| <b>Frequency [Hz]:</b>                   | 50 - 60    | <b>LED lifespan L70B50 [h]:</b>   | 132000                                                                   |
| <b>Luminous efficacy [lm/W]:</b>         | 104        | <b>LED lifespan L80B20 [h]:</b>   | 84000                                                                    |
| <b>Electrical protection class:</b>      | I          | <b>LED lifespan L90B10 [h]:</b>   | 42000                                                                    |
| <b>Colour rendering index:</b>           | >80        | <b>Photobiological safety:</b>    | RG0 - exempt (no photobiological hazard)                                 |
| <b>SDCM:</b>                             | ≤ 3        | <b>Warranty [years]:</b>          | 5                                                                        |
| <b>Power factor:</b>                     | 0.99       | <b>Category of application:</b>   | HoReCa, commercial facilities, educational institutions, art and culture |
| <b>Diffuser material:</b>                | PS         | <b>Manual:</b>                    | <a href="#">Download PDF</a>                                             |
| <b>Material of the body:</b>             | ABS        | <b>CE certificate:</b>            | <a href="#">315/2023</a>                                                 |
| <b>Colour of the body:</b>               | white      | <b>Plik LDT:</b>                  | <a href="#">Download</a>                                                 |

## LIGHT CURVES



# SQ 160 LED P 2300LM MAT 830 (21W)

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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: 315/2023