

# SQ 160 LED P 2450LM MAT 840 (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                         |         |
|-----------------------------------------|---------|
| <b>Index:</b>                           | 570643  |
| <b>Ingress protection:</b>              | IP44/20 |
| <b>Nominal power [W]:</b>               | 21      |
| <b>Luminous flux [lm]*:</b>             | 2450    |
| <b>Colour temperature [K]:</b>          | 4000    |
| <b>Color rendering index (Ra) &gt;:</b> | 80      |
| <b>Energy efficiency class:</b>         | E       |
| <b>Material of the body:</b>            | ABS     |
| <b>Colour of the body:</b>              | white   |
| <b>Diffuser material:</b>               | 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.

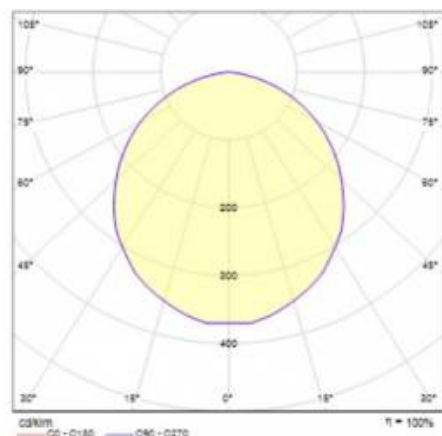
# SQ 160 LED P 2450LM MAT 840 (21W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |            |                            |                                                         |
|-----------------------------------|------------|----------------------------|---------------------------------------------------------|
| Index:                            | 570643     | Dimensions (H/W/T/S) [mm]: | 158/158/70                                              |
| Light source:                     | LED module | Mounting dimensions [mm]:  | 145x145                                                 |
| Nominal power [W]:                | 21         | Impact resistance:         | IK08                                                    |
| Rated power of the luminaire [W]: | 22         | Ingress protection:        | IP44/20                                                 |
| Supply voltage [V]:               | 220 - 240  | Glow wire test [°C]:       | 650                                                     |
| Frequency [Hz]:                   | 50 - 60    | Mounting version:          | recessed                                                |
| Luminous flux [lm]:               | 2450       | Working temperature [°C]:  | from -20 to +35                                         |
| Luminous efficacy [lm/W]:         | 111        | Net weight [kg]:           | 0.270                                                   |
| Energy efficiency class:          | E          | Category type:             | downlights                                              |
| Electrical protection class:      | I          | LED lifespan L70B50 [h]:   | 132000                                                  |
| Colour temperature [K]:           | 4000       | LED lifespan L80B10 [h]:   | 84000                                                   |
| Color rendering index (Ra) >:     | 80         | LED lifespan L90B10 [h]:   | 42000                                                   |
| SDCM:                             | 3          | Category of application:   | educational institutions, HoReCa, commercial facilities |
| Power factor:                     | 0.99       | Photobiological safety:    | RG0 - exempt (no photobiological hazard)                |
| Beam angle [°]:                   | 110        | Warranty [years]:          | 5                                                       |
| Diffuser material:                | PS         | CE certificate:            | <a href="#">315/2023</a>                                |
| Diffuser type:                    | matt       | Manual:                    | <a href="#">Download PDF</a>                            |
| Material of the body:             | ABS        | ISO Certificates:          | 9001:2015. 14001:2015. 45001:2018. 50001:2018           |
| Colour of the body:               | white      | Pliik LDT:                 | <a href="#">Download</a>                                |

## LIGHT CURVES



# SQ 160 LED P 2450LM MAT 840 (21W)

DETAILED CARD

## 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: 30 April 2026

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