

# SQ 160 LED PLUS P 2300LM DALI 830 IP44/20 II CL. MAT (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Index:</b>                           | 572098    |
| <b>Ingress protection:</b>              | IP44/IP20 |
| <b>Impact resistance:</b>               | IK08      |
| <b>Nominal power [W]:</b>               | 21        |
| <b>Luminous flux [lm]*:</b>             | 2300      |
| <b>Colour temperature [K]:</b>          | 3000      |
| <b>Color rendering index (Ra) &gt;:</b> | 80        |
| <b>SDCM:</b>                            | 3         |
| <b>Electrical protection class:</b>     | II        |
| <b>Energy efficiency class:</b>         | E         |

## 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.

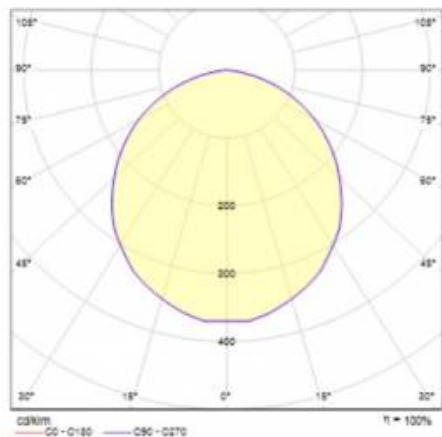
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## TECHNICAL PARAMETERS TABLE

|                               |            |                           |  |
|-------------------------------|------------|---------------------------|--|
| Index:                        | 572098     | Mounting dimensions [mm]: | 145/145                                  |
| Nominal power [W]:            | 21         | Impact resistance:        | IK08                                     |
| Supply voltage [V]:           | 220 - 240  | Ingress protection:       | IP44/IP20                                |
| Frequency [Hz]:               | 50 - 60    | Mounting version:         | recessed                                 |
| Luminous flux [lm]:           | 2300       | Working temperature [°C]: | od -20 do +35                            |
| Luminous efficacy [lm/W]:     | 105        | Control:                  | DALI                                     |
| Energy efficiency class:      | E          | Net weight [kg]:          | 0.340                                    |
| Electrical protection class:  | II         | Warranty [years]:         | 5  |
| Colour temperature [K]:       | 3000       | Category type:            | downlights                               |
| Color rendering index (Ra) >: | 80         | LED lifespan L70B50 [h]:  | 150000                                   |
| SDCM:                         | 3          | LED lifespan L80B10 [h]:  | 100000                                   |
| Power factor:                 | 0.99       | LED lifespan L90B10 [h]:  | 50000                                    |
| Beam angle [°]:               | 110        | DIMM DALI:                | yes                                      |
| Diffuser material:            | PC         | CE certificate:           | <a href="#">14/2024</a>                  |
| Diffuser type:                | matt       | Manual:                   | <a href="#">Download PDF</a>             |
| Material of the body:         | ABS        | Photobiological safety:   | RG0 - exempt (no photobiological hazard) |
| Colour of the body:           | white      | Pliik LDT:                | <a href="#">Download</a>                 |
| Dimensions (H/W/T/S) [mm]:    | 158/158/78 |                           |  |

## LIGHT CURVES



# SQ 160 LED PLUS P 2300LM DALI 830 IP44/20 II CL. MAT (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: 14/2024