

# SQ 160 LED P 2750LM 75DEG 830 (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |         |
|---------------------------------|---------|
| <b>Index:</b>                   | 570896  |
| <b>Ingress protection:</b>      | IP44/20 |
| <b>Nominal power [W]:</b>       | 21      |
| <b>Luminous flux [lm]*:</b>     | 2750    |
| <b>Colour temperature [K]:</b>  | 3000    |
| <b>Colour rendering index:</b>  | >80     |
| <b>Energy efficiency class:</b> | D       |
| <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.

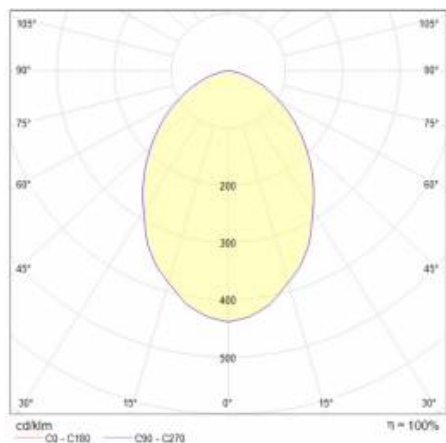
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## TECHNICAL PARAMETERS TABLE

|                                   |            |                            |  |
|-----------------------------------|------------|----------------------------|--|
| Index:                            | 570896     | Colour of the body:        | white  |
| Light source:                     | LED module | Dimensions (H/W/T/S) [mm]: | 158/158/70   |
| Nominal power [W]:                | 21         | Mounting dimensions [mm]:  | 145x145  |
| Rated power of the luminaire [W]: | 22         | Impact resistance:         | IK08   |
| Supply voltage [V]:               | 220 - 240  | Ingress protection:        | IP44/20  |
| Frequency [Hz]:                   | 50 - 60    | Glow wire test [°C]:       | 650  |
| Luminous flux [lm]:               | 2750       | Mounting version:          | recessed   |
| Luminous efficacy [lm/W]:         | 125        | Working temperature [°C]:  | from -20 to +35  |
| Energy efficiency class:          | D          | Net weight [kg]:           | 0.270  |
| Electrical protection class:      | I          | Warranty [years]:          | 5  |
| Colour temperature [K]:           | 3000       | Category type:             | downlights   |
| Colour rendering index:           | >80        | LED lifespan L70B50 [h]:   | 132000   |
| SDCM:                             | ≤ 3        | LED lifespan L80B20 [h]:   | 84000  |
| Power factor:                     | 0.99       | LED lifespan L90B10 [h]:   | 42000  |
| Beam angle [°]:                   | 75         | Photobiological safety:    | RG0 - exempt (no photobiological hazard)                                 |
| Diffuser material:                | PS         | Warranty [years]:          | 5  |
| Diffuser type:                    | OPAL       | Category of application:   | HoReCa, commercial facilities, educational institutions, art and culture |
| Optics:                           | lens       | Manual:                    | <a href="#">Download PDF</a>   |
| Material of the body:             | ABS        | CE certificate:            | <a href="#">315/2023</a>   |

## 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: 315/2023



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl