

# SQ 160 LED N VD 550LM PRM 840 (5W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 570957 |
| <b>Ingress protection:</b>      | IP33   |
| <b>Nominal power [W]:</b>       | 5      |
| <b>Luminous flux [lm]*:</b>     | 550    |
| <b>Colour temperature [K]:</b>  | 4000   |
| <b>Colour rendering index:</b>  | >80    |
| <b>Energy efficiency class:</b> | F      |
| <b>Material of the body:</b>    | ABS    |
| <b>Colour of the body:</b>      | white  |
| <b>Diffuser material:</b>       | PS     |

## CHARACTERISTICS

SQ 160 LED N 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

Surface-mounted luminaire is especially recommended for offices, spacious corridors and public spaces.

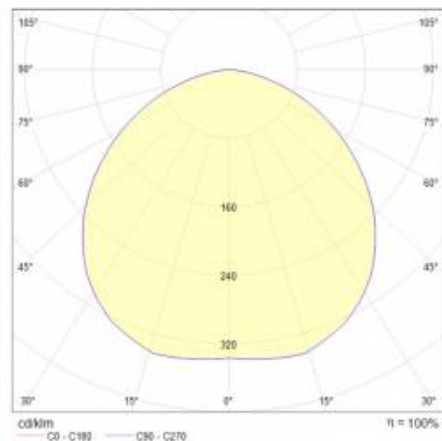
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## TECHNICAL PARAMETERS TABLE

|                                   |            |                            |   |
|-----------------------------------|------------|----------------------------|---|
| Index:                            | 570957     | Dimensions (H/W/T/S) [mm]: | 162/162/86  |
| Light source:                     | LED module | Mounting dimensions [mm]:  | 113   |
| Nominal power [W]:                | 5          | Impact resistance:         | IK08  |
| Rated power of the luminaire [W]: | 6          | Ingress protection:        | IP33  |
| Supply voltage [V]:               | 220 - 240  | Glow wire test [°C]:       | 650   |
| Frequency [Hz]:                   | 50 - 60    | Mounting version:          | surface   |
| Luminous flux [lm]:               | 550        | Working temperature [°C]:  | from -20 to +35   |
| Luminous efficacy [lm/W]:         | 100        | Net weight [kg]:           | 0.300   |
| Energy efficiency class:          | F          | Warranty [years]:          | 5   |
| Electrical protection class:      | II         | Category type:             | downlights  |
| Colour temperature [K]:           | 4000       | LED lifespan L70B50 [h]:   | 132000  |
| Colour rendering index:           | >80        | LED lifespan L80B20 [h]:   | 84000   |
| SDCM:                             | ≤ 3        | LED lifespan L90B10 [h]:   | 42000   |
| Power factor:                     | 0.99       | Photobiological safety:    | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Beam angle [°]:                   | 115        | Warranty [years]:          | 5   |
| Diffuser material:                | PS         | Category of application:   | HoReCa, commercial facilities, educational institutions, art and culture    |
| Diffuser type:                    | PRM        | Manual:                    | <a href="#">Download PDF</a>  |
| Material of the body:             | ABS        | CE certificate:            | <a href="#">151/2020</a>  |
| Colour of the body:               | white      |                            |   |

## LIGHT CURVES



Card creation date: 29 September 2020

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: 151/2020