

# SQ 600 LED 5600LM PRM DALI I KL. IP20 592X592MM 830 (42W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |           |
|---------------------------------|-----------|
| <b>Index:</b>                   | 668661    |
| <b>Ingress protection:</b>      | IP44/IP20 |
| <b>Nominal power [W]:</b>       | 42        |
| <b>Luminous flux [lm]*:</b>     | 5600      |
| <b>Colour rendering index:</b>  | >80       |
| <b>SDCM:</b>                    | ≤ 3       |
| <b>Energy efficiency class:</b> | D         |
| <b>Material of the body:</b>    | ABS       |
| <b>Diffuser material:</b>       | PS        |
| <b>Diffuser type:</b>           | PRM       |

## CHARACTERISTICS

SQ 600 LED 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.

The luminaire is available in 2 versions:

- with OPAL diffuser - providing soft light;
- with PRM diffuser - with higher luminous efficiency and low glare UGR <19 (18W, 24W, 32W versions).

Available options:

- RCR sensor - sensor used for motion detection, without twilight detection option; uses microwaves for detection (active sensor),
- control in the DALI standard,
- CORRIDOR corridor function (RCR + DALI).

The ingress protection- depends on the method of installation:

- surface mounted - IP20,
- flush-mounted - IP44/20.

## APPLICATION

Surface-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

|                                   |            |                            |   |
|-----------------------------------|------------|----------------------------|---|
| Nominal power [W]:                | 42         | Diffuser colour:           | transparent   |
| Index:                            | 668661     | Material of the body:      | ABS   |
| Colour temperature [K]:           | 3000       | Dimensions (H/W/T/S) [mm]: | 592/592/44  |
| Light source:                     | LED module | Mounting dimensions [mm]:  | 563/297   |
| Luminous flux [lm]:               | 5600       | Ingress protection:        | IP44/IP20   |
| Diffuser type:                    | PRM        | Glow wire test [°C]:       | 650   |
| Rated power of the luminaire [W]: | 43         | Mounting version:          | surface mounted; recessed mounted in modular ceiling possible |
| Supply voltage [V]:               | 220-240    | Net weight [kg]:           | 2.230   |
| Frequency [Hz]:                   | 50 - 60    | Category type:             | louvres   |
| DIMM DALI:                        | yes        | Category of application:   | commercial facilities, educational institutions               |
| Colour of the body:               | white      | LED lifespan L70B50 [h]:   | 132000  |
| Luminous efficacy [lm/W]:         | 130        | LED lifespan L80B20 [h]:   | 84000   |
| Energy efficiency class:          | D          | LED lifespan L90B10 [h]:   | 42000   |
| Electrical protection class:      | I          | Light distribution type:   | open space  |
| Colour rendering index:           | >80        | Photobiological safety:    | RG0 - exempt (no photobiological hazard)                      |
| SDCM:                             | ≤ 3        | Technical Warranty:        | 5   |
| Power factor:                     | 0.95       | PZH certificate:           | <a href="#">B-BK-60212-0618/20</a>                            |
| Diffuser material:                | PS         | CE certificate:            | <a href="#">110/2023</a>                                      |
|                                   |            | Manual:                    | <a href="#">Download PDF</a>                                  |
|                                   |            | ENEC Certificate:          | <a href="#">PL BBJ/006/2021/M1</a>                            |
|                                   |            | Pliik LDT:                 | <a href="#">Download</a>                                      |

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

| index  | Name   |
|--------|--|
| 999543 | Plasterboard recessing kit 630x630 white (steel version)     |
| 978395 | Installation kit SQ 600 Ceiling system H40 100x100           |
| 374845 | Frame adapter KG 635x635 WHITE                               |
| 998966 | Frame steel white structure RAL9016 600x600 SM "well effect" |



Plasterboard recessing kit 630x630 white (steel version) (999543)



Frame steel white structure RAL9016 600x600 SM "well effect" (998966)

Card creation date: 03 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: 110/2023