# SQ 600 LED 3400LM PRM RCR I KL. IP20 592X592MM 830 (24W) RAL9005 

DETAILED CARD


## TECHNICAL PARAMETERS

| Index: | 668982 |
| :--- | :--- |
| Ingress protection: | IP44/IP20 |
| Nominal power [W]: | 24 |
| Luminous flux [Im]*: | 3400 |
| Colour rendering index: | $>80$ |
| SDCM: | D |
| Energy efficiency class: | ABS |
| Material of the body: | PS |
| Diffuser material: | PRM |
| Diffuser type: |  |

## 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

| Index: | 668982 | Dimensions (H/W/T/S) [mm]: | 592/592/44 |
| :---: | :---: | :---: | :---: |
| Light source: | LED module | Mounting dimensions [mm]: | 563/297 |
| Nominal power [W]: | 24 | Ingress protection: | IP44/P20 |
| Rated power of the luminaire [W]: | 25 | Glow wire test [ ${ }^{\circ} \mathrm{C}$ ]: | 650 |
| Supply voltage [V]: | 220-240 |  | surface mounted; recessed |
| Frequency [ Hz ]: | 50-60 | ting | mounted in modular ceiling possible |
| Luminous flux [lm]: | 3400 | Motion sensor: | yes |
| Luminous efficacy [Im/W]: | 136 | Net weight [kg]: | 2.130 |
| Energy efficiency class: | D | Category type: | louvres |
| Electrical protection class: | 1 | Category of application: | commercial facilities, educationa institutions |
| Colour temperature [ K ]: | 3000 | LED lifespan L70B50 [h]: | 132000 |
| Colour rendering index: | >80 | LED lifespan L80B20 [h]: | 84000 |
| SDCM: | $\leq 3$ | LED lifespan L90B10 [h]: | 42000 |
| Power factor: | 0.95 | Light distribution type: | open space |
| Diffuser material: | PS |  | Risk Group 1 (no photobiological |
| Diffuser type: | PRM | Photobiological safety: | hazard under normal behavioral limitation) |
| Diffuser colour: | transparent | Technical Warranty: | 5 |
| Material of the body: | ABS | PZH certificate: | B-BK-60212-0618/20 |
| Colour of the body: | black mat | CE certificate: | 110/2023 |
|  |  | Manual: | Download PDF |
|  |  | ENEC Certificate: | PL BBJ/006/2021 |

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DETAILED CARD

ACCESSORIES AVAILABLE

| index | Name |
| :--- | :--- |
| 999543 | Plasterboard recessing kit 630x630 white |
| 978395 | Installation kit SQ 600 Ceiling system H40 100x100 |



Plasterboard recessing kit 630×630 white (999543)

