

# SQ 600 LED 2900LM PLX RCR I KL. IP20 592X592MM 830 (29W) RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |           |
|---------------------------------|-----------|
| <b>Index:</b>                   | 668128    |
| <b>Ingress protection:</b>      | IP44/IP20 |
| <b>Nominal power [W]:</b>       | 29        |
| <b>Luminous flux [lm]*:</b>     | 2900      |
| <b>Colour rendering index:</b>  | >80       |
| <b>SDCM:</b>                    | ≤ 5       |
| <b>Energy efficiency class:</b> | F         |
| <b>Material of the body:</b>    | ABS       |
| <b>Diffuser material:</b>       | PS        |
| <b>Diffuser type:</b>           | OPAL      |

## 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:                            | 668128     | Dimensions (H/W/T/S) [mm]: | 592/592/44  |
| Light source:                     | LED module | Mounting dimensions [mm]:  | 563/297   |
| Nominal power [W]:                | 29         | Ingress protection:        | IP44/IP20   |
| Rated power of the luminaire [W]: | 33         | Glow wire test [°C]:       | 650   |
| Supply voltage [V]:               | 220-240    | Mounting version:          | surface mounted; recessed mounted in modular ceiling possible |
| Frequency [Hz]:                   | 50 - 60    | Motion sensor:             | yes   |
| Luminous flux [lm]:               | 2900       | Net weight [kg]:           | 1.900   |
| Luminous efficacy [lm/W]:         | 88         | Category type:             | louvres   |
| Energy efficiency class:          | F          | Category of application:   | commercial facilities, educational institutions               |
| Electrical protection class:      | I          | AC voltage range [V]:      | 90-175  |
| Colour temperature [K]:           | 3000       | DC voltage range [V]:      | 198 - 264   |
| Colour rendering index:           | >80        | LED lifespan L70B50 [h]:   | 50000   |
| SDCM:                             | ≤ 5        | LED lifespan L80B20 [h]:   | 32000   |
| Power factor:                     | 0.98       | LED lifespan L90B10 [h]:   | 15000   |
| Diffuser material:                | PS         | Light distribution type:   | open space  |
| Diffuser type:                    | OPAL       | Photobiological safety:    | RG0 - exempt (no photobiological hazard)                      |
| Diffuser colour:                  | white      | Technical Warranty:        | 5   |
| Optics material:                  | PMMA       | PZH certificate:           | <a href="#">B-BK-60212-0618/20</a>                            |
| Optics:                           | lens       | CE certificate:            | <a href="#">110/2023</a>                                      |
| Material of the body:             | ABS        | Manual:                    | <a href="#">Download PDF</a>                                  |
| Colour of the body:               | black mat  | ENEC Certificate:          | <a href="#">PL BBJ/006/2021/M1</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: 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: 110/2023