

# SQ 600 LED 4100LM PLX I CL. IP20 592X592MM 830 AW3H (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |           |
|---------------------------------|-----------|
| <b>Index:</b>                   | 669392    |
| <b>Ingress protection:</b>      | IP44/IP20 |
| <b>Nominal power [W]:</b>       | 45        |
| <b>Luminous flux [lm]*:</b>     | 4100      |
| <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 AW 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]:             | 45            | Optics material:           | PMMA  |
| Index:                         | 669392        | Optics:                    | lens  |
| Colour temperature [K]:        | 3000          | Material of the body:      | ABS   |
| EAN:                           | 5905963669392 | Dimensions (H/W/T/S) [mm]: | 592/592/44  |
| Luminous flux [lm]:            | 4100          | Mounting dimensions [mm]:  | 563/297   |
| Light source:                  | LED module    | Ingress protection:        | IP44/IP20   |
| Emergency luminous flux [lm]*: | 200           | Glow wire test [°C]:       | 650   |
| Diffuser type:                 | OPAL          | Mounting version:          | surface mounted; recessed mounted in modular ceiling possible |
| Supply voltage [V]:            | 220 - 240V    | Net weight [kg]:           | 2   |
| Emergency lighting [h]:        | 3             | Category type:             | louvres   |
| Frequency [Hz]:                | 50 - 60       | Category of application:   | commercial facilities, educational institutions               |
| Colour of the body:            | white         | AC voltage range [V]:      | 90-175V   |
| Luminous efficacy [lm/W]:      | 80            | DC voltage range [V]:      | 198 - 264V  |
| Energy efficiency class:       | F             | LED lifespan L70B50 [h]:   | 50000   |
| Electrical protection class:   | I             | LED lifespan L80B20 [h]:   | 32 000  |
| Colour rendering index:        | >80           | LED lifespan L90B10 [h]:   | 15000   |
| SDCM:                          | ≤ 5           | Light distribution type:   | open space  |
| Power factor:                  | 0.97          | Technical Warranty:        | 2 / 0.5 (battery)   |
| Charging time [h:min]:         | 3             | CE certificate:            | <a href="#">110/2023</a>                                      |
| Battery life [h:min]:          | 3             | ENEC Certificate:          | <a href="#">PL BBJ/006/2021/M1</a>                            |
| Battery:                       | NiMh          | PZH certificate:           | <a href="#">B-BK-60212-0618/20</a>                            |
| Battery capacity [mAh]:        | 2100          | CNBOP certificate:         | <a href="#">5152/2023</a>                                     |
| Diffuser material:             | PS            | Manual:                    | <a href="#">Download PDF</a>                                  |
| Diffuser colour:               | white         | Photobiological safety:    | RG0 - exempt (no photobiological hazard)                      |

## 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       |



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

Card creation date: 09 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