

# 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.

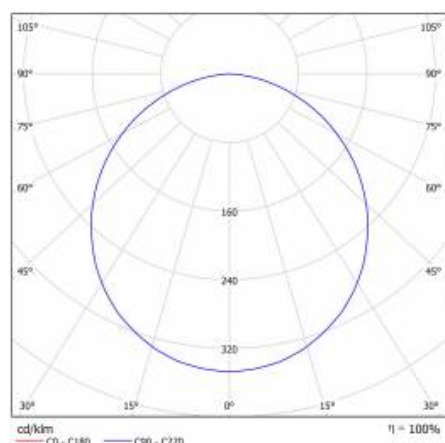
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## TECHNICAL PARAMETERS TABLE

|                                |               |                            |   |
|--------------------------------|---------------|----------------------------|---|
| Index:                         | 669392        | Material of the body:      | ABS   |
| EAN:                           | 5905963669392 | Colour of the body:        | white   |
| Light source:                  | LED module    | Dimensions (H/W/T/S) [mm]: | 592/592/44  |
| Nominal power [W]:             | 45            | Mounting dimensions [mm]:  | 563/297   |
| Supply voltage [V]:            | 220 - 240V    | Ingress protection:        | IP44/IP20   |
| Frequency [Hz]:                | 50 - 60       | Glow wire test [°C]:       | 650   |
| Luminous flux [lm]:            | 4100          | Mounting version:          | surface mounted; recessed mounted in modular ceiling possible |
| Emergency luminous flux [lm]*: | 200           | Emergency lighting [h]:    | 3   |
| Luminous efficacy [lm/W]:      | 80            | Net weight [kg]:           | 2   |
| Energy efficiency class:       | F             | Category type:             | louvres   |
| Electrical protection class:   | I             | Category of application:   | commercial facilities, educational institutions               |
| Colour temperature [K]:        | 3000          | AC voltage range [V]:      | 90-175V   |
| Colour rendering index:        | >80           | DC voltage range [V]:      | 198 - 264V  |
| SDCM:                          | ≤ 5           | LED lifespan L70B50 [h]:   | 50000   |
| Power factor:                  | 0.97          | LED lifespan L80B20 [h]:   | 32 000  |
| Charging time [h:min]:         | 3             | LED lifespan L90B10 [h]:   | 15000   |
| Battery life [h:min]:          | 3             | Light distribution type:   | open space  |
| Battery:                       | NiMH          | Technical Warranty:        | 2 / 0.5 (battery)   |
| Battery capacity [mAh]:        | 2100          | CE certificate:            | <a href="#">110/2023</a>                                      |
| Diffuser material:             | PS            | ENEC Certificate:          | <a href="#">PL BBJ/006/2021/M1</a>                            |
| Diffuser type:                 | OPAL          | PZH certificate:           | <a href="#">B-BK-60212-0618/20</a>                            |
| Diffuser colour:               | white         | CNBOP certificate:         | <a href="#">5152/2023</a>                                     |
| Optics material:               | PMMA          | Manual:                    | <a href="#">Download PDF</a>                                  |
| Optics:                        | lens          |                            |   |

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

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



Plasterboard recessing kit 630x630 white (999543)

Card creation date: 18 March 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