

SQ 600 LED IOT BT 4400LM PLX DALI I KL. 592X592MM 840 (45W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|------------------------------|------------|
| Light source: | LED module |
| Nominal power [W]: | 45 |
| Luminous flux [lm]*: | 4400 |
| Supply voltage [V]: | 220-240 |
| Frequency [Hz]: | 50-60 |
| Luminous efficacy [lm/W]: | 85 |
| Energy efficiency class: | F |
| Electrical protection class: | I |
| Colour temperature [K]: | 4000 |
| Diffuser colour: | white |

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.

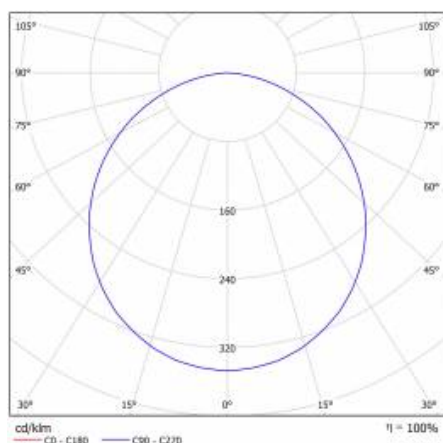
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TECHNICAL PARAMETERS TABLE

| | | | |
|------------------------------|------------|----------------------------|---|
| Index: | 670756 | Light distribution type: | open space |
| Light source: | LED module | Diffuser material: | PS |
| Nominal power [W]: | 45 | Diffuser type: | OPAL |
| Luminous flux [lm]: | 4400 | Diffuser colour: | white |
| Supply voltage [V]: | 220-240 | Optics: | lens |
| Frequency [Hz]: | 50-60 | Optics material: | PMMA |
| Luminous efficacy [lm/W]: | 85 | Material of the body: | ABS |
| Energy efficiency class: | F | Dimensions (H/W/T/S) [mm]: | 592/592/44 |
| Electrical protection class: | I | Ingress protection: | IP44/IP20 |
| Colour temperature [K]: | 4000 | Mounting version: | surface mounted; recessed mounted in modular ceiling possible |
| Colour rendering index: | >80 | DIMM DALI: | yes |
| LED lifespan L70B50 [h]: | 50000 | Warranty [years]: | 5 |
| LED lifespan L80B20 [h]: | 32000 | Category type: | louvres |
| LED lifespan L90B10 [h]: | 15000 | CE certificate: | 442/2023 |
| Beam angle [°]: | 120 | | |

LIGHT CURVES



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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 630x630
white (999543)

Card creation date: 20 September 2022

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. 442/2023