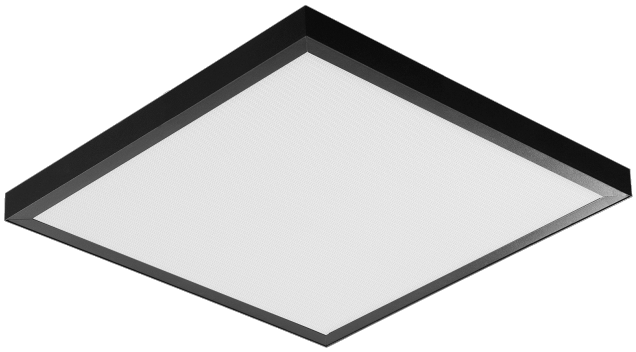
# SQ 600 LED 4700LM PRM I KL. IP20 592X592MM 840 (32W) RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 668579 |
| **Ingress protection:** | IP44/IP20 |
| **Nominal power [W]:** | 32 |
| **Luminous flux [lm]*:** | 4700 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | C |
| **Material of the body:** | ABS |
| **Diffuser material:** | PS |
| **Diffuser type:** | PRM |

## 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:** | 668579 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 32 |
| **Rated power of the luminaire [W]:** | 33 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 4700 |
| **Luminous efficacy [lm/W]:** | 142 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.95 |
| **Diffuser material:** | PS |
| **Diffuser type:** | PRM |
| **Diffuser colour:** | transparent |
| **Material of the body:** | ABS |
| **Colour of the body:** | black mat |
| **Dimensions (H/W/T/S) [mm]:** | 592/592/44 |
| **Mounting dimensions [mm]:** | 563/297 |

| | |
|---|---|
| **Ingress protection:** | IP44/IP20 |
| **Glow wire test [°C]:** | 650 |
| **Mounting version:** | surface mounted; recessed mounted in modular ceiling possible |
| **Net weight [kg]:** | 1.730 |
| **Category type:** | troffers |
| **Category of application:** | educational institutions, commercial facilities |
| **AC voltage range [V]:** | 198 – 264 |
| **LED lifespan L70B50 [h]:** | 132000 |
| **LED lifespan L80B10 [h]:** | 84000 |
| **LED lifespan L90B10 [h]:** | 42000 |
| **Light distribution type:** | open space |
| **Working temperature [°C]:** | from 0 to +35 |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Technical Warranty:** | 5 |
| **CE certificate:** | 110/2023 |
| **ENEC Certificate:** | PL BBJ/006/2021/M1/A1 |
| **PZH certificate:** | B-BK-60112-0419/2025 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

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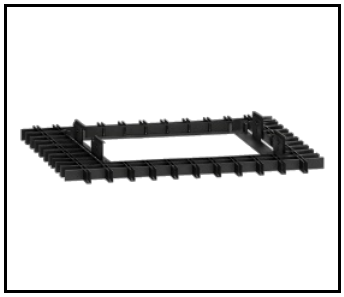
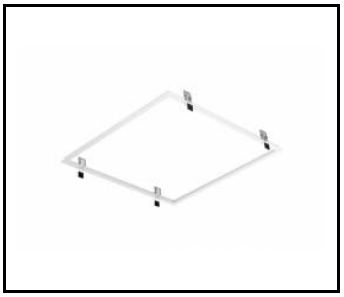
## ACCESSORIES AVAILABLE

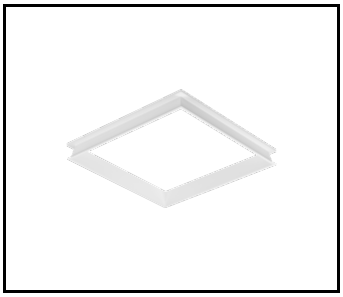
| index | Name |
|---|---|
| 978395 | Installation kit SQ 600 Ceiling system H40 100x100 |
| 374845 | Frame adapter KG 635x635 WHITE |
| 998973 | Frame steel white gloss RAL9016 600x600 SM "well effect" |
| 978449 | SQ 600 Ceiling Installation Kit – Barwa Universal System (Open Cell grid ceiling. H 23–50 mm, 100×100, 75×75, 50×50) |



Installation kit SQ 600 Ceiling system H40 100x100 (978395)



Frame adapter KG 635x635 WHITE (374845)



Frame steel white gloss RAL9016 600x600 SM "well effect" (998973)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 110/2023

LENA LIGHTING

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