# SQ 600 LED IOT BT RCR HYT 4100LM PLX I CL. 592X592MM 830 (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Light source:** | LED module |
| **Nominal power [W]:** | 45 |
| **Luminous flux [lm]*:** | 4100 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous efficacy [lm/W]:** | 80 |
| **Energy efficiency class:** | F |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 3000 |
| **Diffuser colour:** | white |

## CHARACTERISTICS

The SQ 600 LED IoT is a new line of square raster lights. Designed from the ground up, the design introduces new solutions to ensure excellent light performance. The body is made of plastic for low weight. The diffuser provides the lamp with excellent light characteristics. Integrated LED module Ensures low power consumption and all the advantages of modern LED lamps. Degree of protection - dependent on mounting method: - surface-mounted - IP20, - recessed - IP44/20.**IoT characteristics**The **IoT BT RCR HYT** version has: a built-in **BT HYT** module allowing for programming functions in the Lena Lighting Clue app and real-time control; **RCR** motion and daylight sensor hidden under the shade and **ON/OFF** driver without dimming function of the light source.

## 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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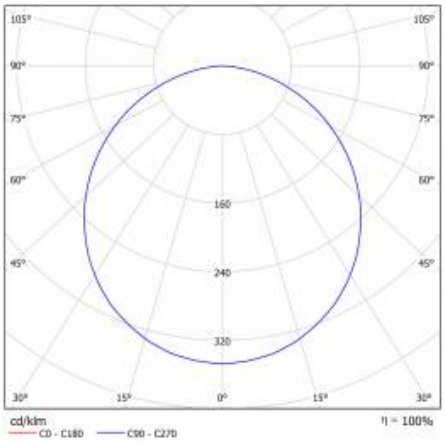
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **LED lifespan L70B50 [h]:** | 50000 |
| **LED lifespan L80B10 [h]:** | 32000 |
| **LED lifespan L90B10 [h]:** | 15000 |
| **Beam angle [°]:** | 120 |
| **Light distribution type:** | open space |
| **Diffuser material:** | PS |
| **Diffuser type:** | OPAL |

| | |
|---|---|
| **Diffuser colour:** | white |
| **Optics:** | lens |
| **Optics material:** | PMMA |
| **Material of the body:** | ABS |
| **Colour of the body:** | white |
| **Dimensions (H/W/T/S) [mm]:** | 592/592/44 |
| **Ingress protection:** | IP44/IP20 |
| **Mounting version:** | surface mounted; recessed mounted in modular ceiling possible |
| **Working temperature [°C]:** | from 0 to +35 |
| **Motion sensor:** | yes |
| **Category type:** | troffers |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 442/2023 |
| **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 |

## LIGHT CURVES



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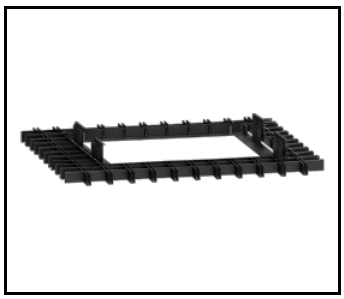
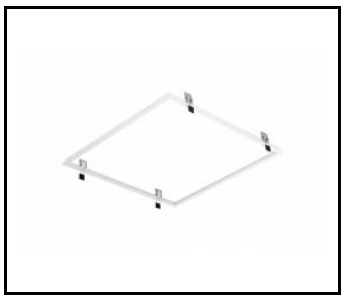
## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 978395 | Installation kit SQ 600 Ceiling system H40 100x100 |
| 374845 | Frame adapter KG 635x635 WHITE |



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



Frame adapter KG 635x635 WHITE (374845)



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: 442/2023

LENA LIGHTING

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