

# 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.

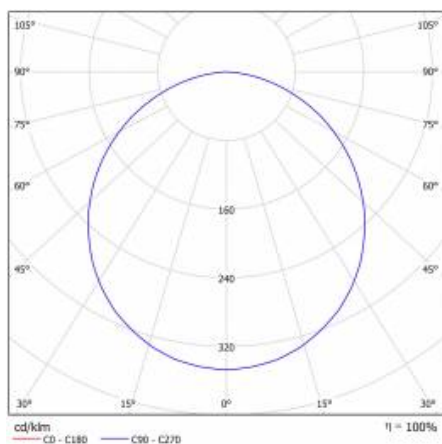
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	670947	<b>Diffuser colour:</b>	white
<b>Light source:</b>	LED module	<b>Optics:</b>	lens
<b>Nominal power [W]:</b>	45	<b>Optics material:</b>	PMMA
<b>Luminous flux [lm]:</b>	4100	<b>Material of the body:</b>	ABS
<b>Supply voltage [V]:</b>	220-240	<b>Colour of the body:</b>	white
<b>Frequency [Hz]:</b>	50-60	<b>Dimensions (H/W/T/S) [mm]:</b>	592/592/44
<b>Luminous efficacy [lm/W]:</b>	80	<b>Ingress protection:</b>	IP44/IP20
<b>Energy efficiency class:</b>	F	<b>Mounting version:</b>	surface mounted; recessed mounted in modular ceiling possible
<b>Electrical protection class:</b>	I	<b>Motion sensor:</b>	yes
<b>Colour temperature [K]:</b>	3000	<b>Category type:</b>	troffers
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>LED lifespan L70B50 [h]:</b>	50000	<b>Warranty [years]:</b>	5
<b>LED lifespan L80B10 [h]:</b>	32000	<b>CE certificate:</b>	<a href="#">442/2023</a>
<b>LED lifespan L90B10 [h]:</b>	15000	<b>PZH certificate:</b>	<a href="#">B-BK-60112-0419/2025</a>
<b>Beam angle [°]:</b>	120	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Light distribution type:</b>	open space	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser material:</b>	PS	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Diffuser type:</b>	OPAL		

## 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



Frame adapter KG 635x635  
WHITE (374845)

Card creation date: 04 May 2026

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