

# SQ 600 LED IOT BT HYT DALI 4400LM PLX I CL. 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

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 HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time, and a **DALI** driver that allows you to dim 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.

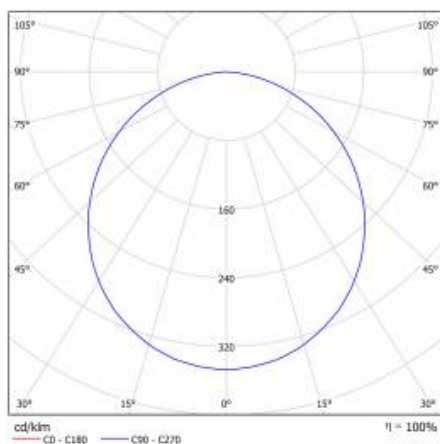
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## TECHNICAL PARAMETERS TABLE

Index:	670756	Diffuser colour:	white
Light source:	LED module	Optics:	lens
Nominal power [W]:	45	Optics material:	PMMA
Luminous flux [lm]:	4400	Material of the body:	ABS
Supply voltage [V]:	220-240	Colour of the body:	white
Frequency [Hz]:	50-60	Dimensions (H/W/T/S) [mm]:	592/592/44
Luminous efficacy [lm/W]:	85	Ingress protection:	IP44/IP20
Energy efficiency class:	F	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Electrical protection class:	I	DIMM DALI:	yes
Colour temperature [K]:	4000	Category type:	troffers
Color rendering index (Ra) >:	80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
LED lifespan L70B50 [h]:	50000	Warranty [years]:	5
LED lifespan L80B10 [h]:	32000	CE certificate:	<a href="#">442/2023</a>
LED lifespan L90B10 [h]:	15000	PZH certificate:	<a href="#">B-BK-60112-0419/2025</a>
Beam angle [°]:	120	Environmental Product Declaration (EPD):	<a href="#">944/2026</a>
Light distribution type:	open space	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PS	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser type:	OPAL		

## LIGHT CURVES



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

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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