

# SQ 600 LED 4400LM PLX I KL. IP20 592X592MM 840 (45W) RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	668333
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	45
<b>Luminous flux [lm]*:</b>	4400
<b>Colour rendering index:</b>	80
<b>SDCM:</b>	≤ 5
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	ABS
<b>Diffuser material:</b>	PS
<b>Diffuser type:</b>	OPAL

## 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.

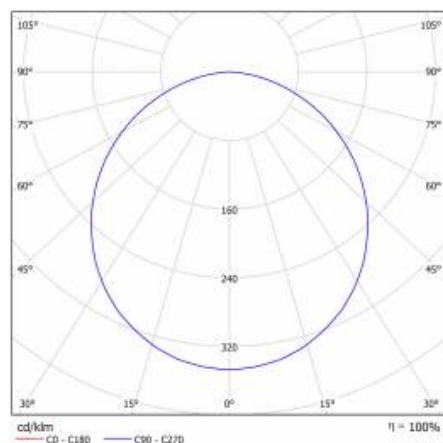
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## TECHNICAL PARAMETERS TABLE

Index:	668333	Dimensions (H/W/T/S) [mm]:	592/592/44
Light source:	LED module	Mounting dimensions [mm]:	563/297
Nominal power [W]:	45	Ingress protection:	IP44/IP20
Rated power of the luminaire [W]:	51.50	Glow wire test [°C]:	650
Supply voltage [V]:	220-240	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Frequency [Hz]:	50 - 60	Net weight [kg]:	1.500
Luminous flux [lm]:	4400	Category type:	troffers
Luminous efficacy [lm/W]:	85	Category of application:	educational institutions, commercial facilities
Energy efficiency class:	F	AC voltage range [V]:	90-175
Electrical protection class:	I	DC voltage range [V]:	198 - 264
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	50000
Colour rendering index:	80	LED lifespan L80B20 [h]:	32000
SDCM:	≤ 5	LED lifespan L90B10 [h]:	15000
Power factor:	0.98	Light distribution type:	open space
Diffuser material:	PS	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser type:	OPAL	Technical Warranty:	5
Diffuser colour:	white	PZH certificate:	<a href="#">B-BK-60212-0618/20</a>
Optics material:	PMMA	CE certificate:	<a href="#">110/2023</a>
Optics:	lens	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	ENEC Certificate:	<a href="#">PL BBJ/006/2021/M1</a>
Colour of the body:	black mat	Pliik LDT:	<a href="#">Download</a>

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"



Plasterboard recessing kit 630x630 white (steel version) (999543)



Frame steel white structure RAL9016 600x600 SM "well effect" (998966)

Card creation date: 01 September 2025

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: 110/2023