SQ 600 LED 6000LM PRM I KL. IP20 592X592MM 840 (42W) RAL9005

DETAILED CARD





TECHNICAL PARAMETERS

Index:	668692
Ingress protection:	IP44/IP20
Nominal power [W]:	42
Luminous flux [lm]*:	6000
Colour rendering index:	80
SDCM:	≤ 3
Energy efficiency class:	С
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:	668692
Light source:	LED module
Nominal power [W]:	42
Rated power of the luminaire [W]:	43
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	6000
Luminous efficacy [lm/W]:	140
Energy efficiency class:	С
Electrical protection class:	I
Colour temperature [K]:	4000
Colour rendering index:	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
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L90B10 [h]:	42000
Light distribution type:	open space
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	5
PZH certificate:	B-BK-60212-0618/20
CE certificate:	110/2023
Manual:	Download PDF
ENEC Certificate:	PL BBJ/006/2021/M1
Plik LDT:	Download

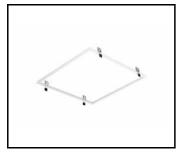


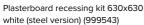
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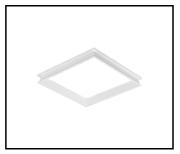
DETAILED CARD

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"







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

Card creation date: 01 September 2025

