

SQ 600 LED IOT BT 5600LM PRM DALI I KL. 592X592MM 830 (42W)

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	42
Luminous flux [lm]*:	5600
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	130
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	3000
Diffuser colour:	transparent

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.

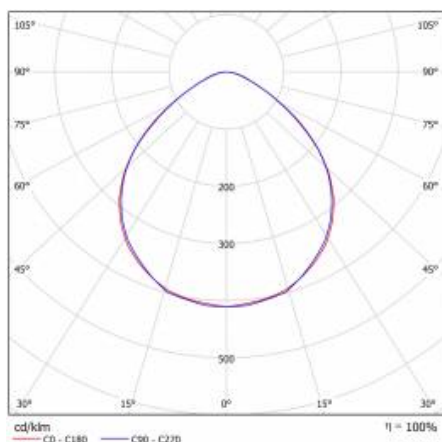
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TECHNICAL PARAMETERS TABLE

Index:	670725	Light distribution type:	open space
Light source:	LED module	Diffuser material:	PS
Nominal power [W]:	42	Diffuser type:	PRM
Luminous flux [lm]:	5600	Diffuser colour:	transparent
Supply voltage [V]:	220-240	Material of the body:	ABS
Frequency [Hz]:	50-60	Dimensions (H/W/T/S) [mm]:	592/592/44
Luminous efficacy [lm/W]:	130	Ingress protection:	IP44/IP20
Energy efficiency class:	D	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Electrical protection class:	I	DIMM DALI:	yes
Colour temperature [K]:	3000	Warranty [years]:	5
Colour rendering index:	>80	Category type:	louvres
LED lifespan L70B50 [h]:	132000	CE certificate:	442/2023
LED lifespan L80B20 [h]:	84000	ENEC Certificate:	
LED lifespan L90B10 [h]:	42000	PZH certificate:	
Beam angle [°]:	120	Photobiological safety:	RG0 - exempt (no photobiological hazard)

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



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

Card creation date: 20 September 2022

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