

# SQ 600 LED IOT PIR BT 2800LM PRM DALI I KL. 592X592MM 840 (18W)

DETAILED CARD



## TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	18
Luminous flux [lm]*:	2800
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	151
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
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.

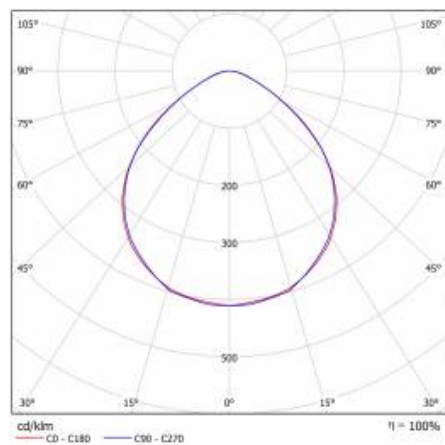
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	669941	<b>Light distribution type:</b>	open space
<b>Light source:</b>	LED module	<b>Diffuser material:</b>	PS
<b>Nominal power [W]:</b>	18	<b>Diffuser type:</b>	PRM
<b>Luminous flux [lm]:</b>	2800	<b>Diffuser colour:</b>	transparent
<b>Supply voltage [V]:</b>	220-240	<b>Optics:</b>	transparentny
<b>Frequency [Hz]:</b>	50-60	<b>Material of the body:</b>	ABS
<b>Luminous efficacy [lm/W]:</b>	151	<b>Dimensions (H/W/T/S) [mm]:</b>	592/592/44
<b>Energy efficiency class:</b>	C	<b>Ingress protection:</b>	IP44/IP20
<b>Electrical protection class:</b>	I	<b>Mounting version:</b>	surface mounted; recessed mounted in modular ceiling possible
<b>Colour temperature [K]:</b>	4000	<b>Motion sensor:</b>	yes
<b>Colour rendering index:</b>	>80	<b>DIMM DALI:</b>	yes
<b>LED lifespan L70B50 [h]:</b>	132000	<b>Warranty [years]:</b>	5
<b>LED lifespan L80B20 [h]:</b>	132000	<b>Category type:</b>	louvres
<b>Beam angle [°]:</b>	120	<b>CE certificate:</b>	<a href="#">442/2023</a>

## LIGHT CURVES



# SQ 600 LED IOT PIR BT 2800LM PRM DALI I KL. 592X592MM 840 (18W)

DETAILED CARD

## ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white
978395	Installation kit SQ 600 Ceiling system H40 100x100



Plasterboard recessing kit 630x630  
white (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