

# SQ 600 LED 2650LM PRM I CL. IP20 592X592MM 830 AW3H (18W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	669439
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	18
<b>Luminous flux [lm]*:</b>	2650
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	C
<b>Material of the body:</b>	ABS
<b>Diffuser material:</b>	PS
<b>Diffuser type:</b>	PRM

## CHARACTERISTICS

SQ 600 LED AW 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.

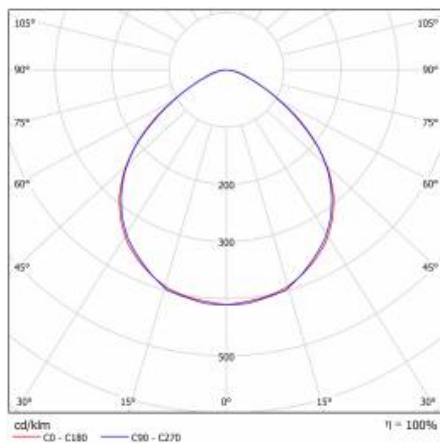
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## TECHNICAL PARAMETERS TABLE

Index:	669439	Colour of the body:	white
EAN:	5905963669439	Dimensions (H/W/T/S) [mm]:	592/592/44
Light source:	LED module	Mounting dimensions [mm]:	563/297
Nominal power [W]:	18	Ingress protection:	IP44/IP20
Supply voltage [V]:	220 - 240V	Glow wire test [°C]:	650
Frequency [Hz]:	50 - 60	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Luminous flux [lm]:	2650	Emergency lighting [h]:	3
Emergency luminous flux [lm]*:	200	Net weight [kg]:	2.230
Luminous efficacy [lm/W]:	143	Category type:	louvres
Energy efficiency class:	C	Category of application:	commercial facilities, educational institutions
Electrical protection class:	I	AC voltage range [V]:	198 – 264 V
Colour temperature [K]:	3000	DC voltage range [V]:	176 – 276 V
Colour rendering index:	>80	LED lifespan L70B50 [h]:	132000
SDCM:	≤ 3	LED lifespan L80B20 [h]:	84 000
Power factor:	0.84	LED lifespan L90B10 [h]:	42000
Charging time [h:min]:	3	Light distribution type:	open space
Battery life [h:min]:	3	Technical Warranty:	2 / 0.5 (battery)
Battery:	NiMh	CE certificate:	<a href="#">110/2023</a>
Battery capacity [mAh]:	2100	ENEC Certificate:	<a href="#">PL BBJ/006/2021/M1</a>
Diffuser material:	PS	PZH certificate:	<a href="#">B-BK-60212-0618/20</a>
Diffuser type:	PRM	CNBOP certificate:	<a href="#">5152/2023</a>
Diffuser colour:	transparent	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	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: 19 August 2024

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