

SQ 600 LED 2800LM PRM I CL. IP20 592X592MM 840 AW3H (18W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	669422
Ingress protection:	IP44/IP20
Nominal power [W]:	18
Luminous flux [lm]*:	2800
Colour rendering index:	>80
SDCM:	≤ 3
Energy efficiency class:	C
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	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.

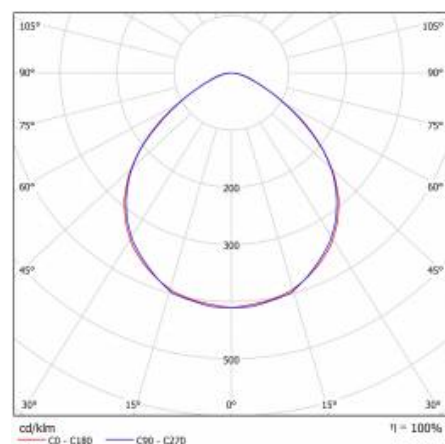
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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	18	Diffuser colour:	transparent
Index:	669422	Material of the body:	ABS
Colour temperature [K]:	4000	Dimensions (H/W/T/S) [mm]:	592/592/44
EAN:	5905963669422	Mounting dimensions [mm]:	563/297
Luminous flux [lm]:	2800	Ingress protection:	IP44/IP20
Light source:	LED module	Glow wire test [°C]:	650
Emergency luminous flux [lm]*:	200	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Diffuser type:	PRM	Net weight [kg]:	2.230
Supply voltage [V]:	220 - 240V	Category type:	louvres
Emergency lighting [h]:	3	Category of application:	commercial facilities, educational institutions
Frequency [Hz]:	50 - 60	AC voltage range [V]:	198 – 264 V
Colour of the body:	white	DC voltage range [V]:	176 – 276 V
Luminous efficacy [lm/W]:	151	LED lifespan L70B50 [h]:	132000
Energy efficiency class:	C	LED lifespan L80B20 [h]:	84 000
Electrical protection class:	I	LED lifespan L90B10 [h]:	42000
Colour rendering index:	>80	Light distribution type:	open space
SDCM:	≤ 3	Technical Warranty:	2 / 0.5 (battery)
Power factor:	0.84	CE certificate:	110/2023
Charging time [h:min]:	3	ENEC Certificate:	PL BBJ/006/2021/M1
Battery life [h:min]:	3	PZH certificate:	B-BK-60212-0618/20
Battery:	NiMH	CNBOP certificate:	5152/2023
Battery capacity [mAh]:	2100	Manual:	Download PDF
Diffuser material:	PS	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: 09 January 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