

# SQ 600 LED 2800LM PRM DALI I KL. IP20 592X592MM 840 (18W) RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	668470
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	18
<b>Luminous flux [lm]*:</b>	2800
<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 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.

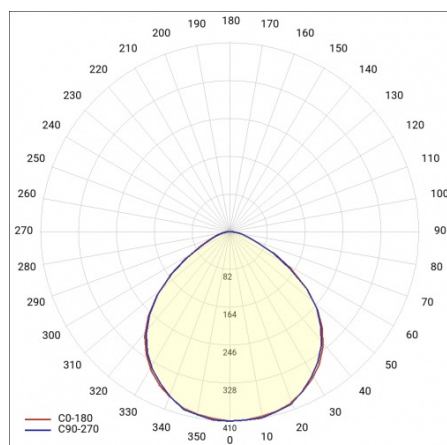
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	18	Diffuser colour:	transparent
Index:	668470	Material of the body:	ABS
Colour temperature [K]:	4000	Dimensions (H/W/T/S) [mm]:	592/592/44
Light source:	LED module	Mounting dimensions [mm]:	563/297
Luminous flux [lm]:	2800	Ingress protection:	IP44/IP20
Diffuser type:	PRM	Glow wire test [°C]:	650
Rated power of the luminaire [W]:	18	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
UGR (4H8H):	<19	Net weight [kg]:	2
Supply voltage [V]:	220 - 240	Category type:	louvres
Frequency [Hz]:	50 - 60	Category of application:	commercial facilities, educational institutions
DIMM DALI:	yes	AC voltage range [V]:	198 – 264
Colour of the body:	black mat	DC voltage range [V]:	176 – 276
Luminous efficacy [lm/W]:	151	Light distribution type:	open space
Energy efficiency class:	C	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Electrical protection class:	I	Technical Warranty:	5
Colour rendering index:	>80	PZH certificate:	<a href="#">B-BK-60212-0618/20</a>
SDCM:	≤ 3	CE certificate:	<a href="#">110/2023</a>
Power factor:	0.95	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PS	ENEC Certificate:	<a href="#">PL BBJ/006/2021/M1</a>
		Plik LDT:	<a href="#">Download</a>

## 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
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"



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



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

Card creation date: 03 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