

# SQ 600 LED 10900LM PRM DALI I KL. IP20 592X592MM 840 (73W) RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	668852
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	73
<b>Luminous flux [lm]*:</b>	10900
<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.

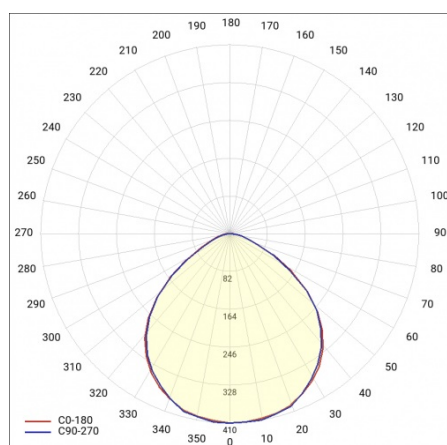
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	73	Dimensions (H/W/T/S) [mm]:	592/592/44
Index:	668852	Mounting dimensions [mm]:	563/297
Colour temperature [K]:	4000	Ingress protection:	IP44/IP20
Light source:	LED module	Glow wire test [°C]:	650
Luminous flux [lm]:	10900	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Diffuser type:	PRM	Net weight [kg]:	62
Rated power of the luminaire [W]:	75	Category type:	louvres
Supply voltage [V]:	220 - 240	Category of application:	commercial facilities, educational institutions
Frequency [Hz]:	50 - 60	AC voltage range [V]:	198 – 264
DIMM DALI:	yes	DC voltage range [V]:	176 – 280
Colour of the body:	black mat	LED lifespan L70B50 [h]:	98000
Luminous efficacy [lm/W]:	145	LED lifespan L80B20 [h]:	62000
Energy efficiency class:	C	LED lifespan L90B10 [h]:	30000
Electrical protection class:	I	Light distribution type:	open space
Colour rendering index:	>80	EAN:	6688525905963
SDCM:	≤ 3	Plug type:	80W/150-350mA 80-350VDC DIM DALI2 HELVAR LL1x23-80- CR-DA
Power factor:	0.95	PZH certificate:	<a href="#">B-BK-60212-0618/20</a>
Diffuser material:	PS	Version:	FR4
Diffuser colour:	transparent	CE certificate:	<a href="#">110/2023</a>
Material of the body:	ABS	Manual:	<a href="#">Download PDF</a>
		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