

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	668494
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	18
<b>Luminous flux [lm]*:</b>	2800
<b>Color rendering index (Ra) &gt;:</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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<b>Index:</b>	668494	<b>Glow wire test [°C]:</b>	650
<b>Light source:</b>	LED module	<b>Mounting version:</b>	surface mounted; recessed mounted in modular ceiling possible
<b>Nominal power [W]:</b>	18	<b>Motion sensor:</b>	yes
<b>Rated power of the luminaire [W]:</b>	18	<b>Net weight [kg]:</b>	2
<b>Supply voltage [V]:</b>	220 - 240	<b>Category type:</b>	troffers
<b>Frequency [Hz]:</b>	50 - 60	<b>Category of application:</b>	educational institutions, commercial facilities
<b>Luminous flux [lm]:</b>	2800	<b>AC voltage range [V]:</b>	198 – 264
<b>Luminous efficacy [lm/W]:</b>	151	<b>DC voltage range [V]:</b>	176 – 276
<b>Energy efficiency class:</b>	C	<b>LED lifespan L70B50 [h]:</b>	132000
<b>Electrical protection class:</b>	I	<b>LED lifespan L80B10 [h]:</b>	84000
<b>Colour temperature [K]:</b>	4000	<b>LED lifespan L90B10 [h]:</b>	42000
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Light distribution type:</b>	open space
<b>SDCM:</b>	3	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Power factor:</b>	0.84	<b>Technical Warranty:</b>	5
<b>Diffuser material:</b>	PS	<b>CE certificate:</b>	<a href="#">110/2023</a>
<b>Diffuser type:</b>	PRM	<b>ENEC Certificate:</b>	<a href="#">PL BBJ/006/2021/M1/A1</a>
<b>Diffuser colour:</b>	transparent	<b>PZH certificate:</b>	<a href="#">B-BK-60112-0419/2025</a>
<b>Material of the body:</b>	ABS	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Colour of the body:</b>	black mat	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Dimensions (H/W/T/S) [mm]:</b>	592/592/44	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Mounting dimensions [mm]:</b>	563/297	<b>Plik LDT:</b>	<a href="#">Download</a>
<b>Ingress protection:</b>	IP44/IP20		

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## ACCESSORIES AVAILABLE

index	Name
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"
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"



Frame adapter KG 635x635  
WHITE (374845)



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



Frame steel white gloss RAL9016  
600x600 SM "well effect" (998973)

Card creation date: 04 May 2026

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