

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	668470
Ingress protection:	IP44/IP20
Nominal power [W]:	18
Luminous flux [lm]*:	2800
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	C
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	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

Index:	668470	Glow wire test [°C]:	650
Light source:	LED module	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Nominal power [W]:	18	DIMM DALI:	yes
Rated power of the luminaire [W]:	18	Net weight [kg]:	2
Supply voltage [V]:	220 - 240	Category type:	troffers
Frequency [Hz]:	50 - 60	Category of application:	educational institutions, commercial facilities
Luminous flux [lm]:	2800	AC voltage range [V]:	198 – 264
Luminous efficacy [lm/W]:	151	DC voltage range [V]:	176 – 276
Energy efficiency class:	C	LED lifespan L70B50 [h]:	132000
Electrical protection class:	I	LED lifespan L80B10 [h]:	84000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	42000
Color rendering index (Ra) >:	80	Light distribution type:	open space
SDCM:	3	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Power factor:	0.95	Technical Warranty:	5
Diffuser material:	PS	CE certificate:	110/2023
Diffuser type:	PRM	ENEC Certificate:	PL BBJ/006/2021/M1/A1
Diffuser colour:	transparent	PZH certificate:	B-BK-60112-0419/2025
Material of the body:	ABS	Environmental Product Declaration (EPD):	944/2026
Colour of the body:	black mat	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	592/592/44	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Mounting dimensions [mm]:	563/297	Plik LDT:	Download
Ingress protection:	IP44/IP20		

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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: 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