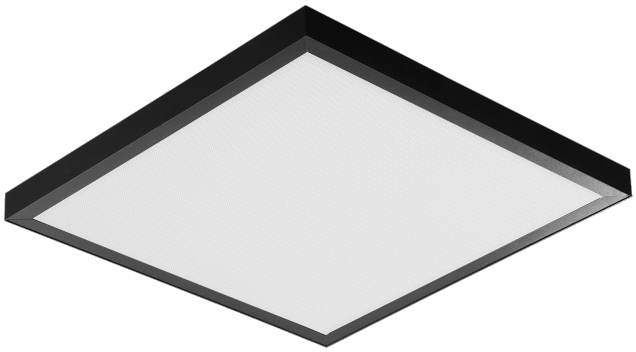
SQ 600 LED 2800LM PRM I KL IP20 592X592MM 840 (18W) RAL9005

DETAILED CARD



TECHNICAL PARAMETERS

Index:	668456
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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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	668456
Light source:	LED module
Nominal power [W]:	18
Rated power of the luminaire [W]:	18
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2800
Luminous efficacy [lm/W]:	151
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.84
Diffuser material:	PS
Diffuser type:	PRM
Diffuser colour:	transparent
Material of the body:	ABS
Colour of the body:	black mat
Dimensions (H/W/T/S) [mm]:	592/592/44
Mounting dimensions [mm]:	563/297
Ingress protection:	IP44/IP20

Glow wire test [°C]:	650
Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Net weight [kg]:	1
Category type:	troffers
Category of application:	educational institutions, commercial facilities
AC voltage range [V]:	198 – 264
DC voltage range [V]:	176 – 276
LED lifespan L70B50 [h]:	132000
LED lifespan L80B10 [h]:	84000
LED lifespan L90B10 [h]:	42000
Light distribution type:	open space
Working temperature [°C]:	from 0 to +35
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	5
CE certificate:	110/2023
ENEC Certificate:	PL BBJ/006/2021/M1/A1
PZH certificate:	B-BK-60112-0419/2025
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

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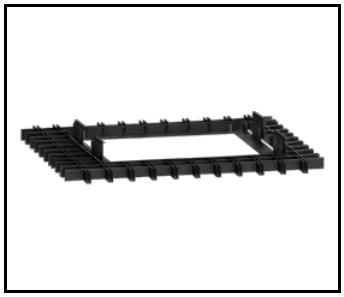
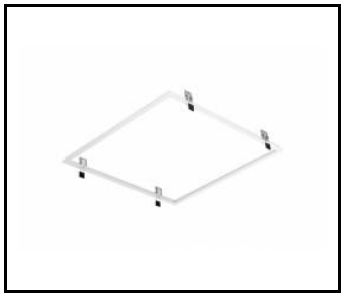
DETAILED CARD

ACCESSORIES AVAILABLE

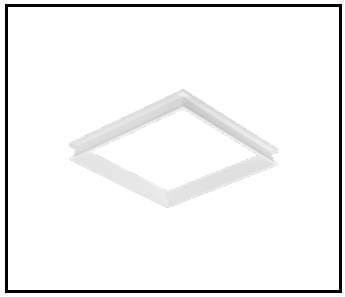
index	Name
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"
978449	SQ 600 Ceiling Installation Kit – Barwa Universal System (Open Cell grid ceiling. H 23–50 mm, 100×100, 75×75, 50×50)



Installation kit SQ 600 Ceiling system H40 100x100 (978395)



Frame adapter KG 635x635 WHITE (374845)



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

Card creation date: 26 November 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 110/2023

LENA LIGHTING

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