SQ 600 LED 6800LM PRM I CL. IP20 592X592MM 840 AW3H (52W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	669583
Ingress protection:	IP44/IP20
Nominal power [W]:	52
Luminous flux [lm]*:	6800
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	D
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	PRM

CHARACTERISTICS

SQ 600 LED AW 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.

LENA LIGHTING

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TECHNICAL PARAMETERS TABLE

Index:	669583		Colour of the body:	white
EAN:	5905963669583		Dimensions (H/W/T/S) [mm]:	592/592/44
Light source:	LED module		Mounting dimensions [mm]:	563/297
Nominal power [W]:	52		Ingress protection:	IP44/IP20
Supply voltage [V]:	220 - 240V		Glow wire test [°C]:	650
Frequency [Hz]:	50 - 60		Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Luminous flux [lm]:	6800			
Emergency luminous flux [lm]*:	200		Emergency lighting [h]:	3
Luminous efficacy [lm/W]:	128		Net weight [kg]:	2.230
Energy efficiency class:	D		Category type:	dual-function luminaires
Electrical protection class:	I		Category of application:	educational institutions, commercial facilities
Colour temperature [K]:	4000			
Color rendering index (Ra) >:	80		LED lifespan L70B50 [h]:	132000
SDCM:	3		LED lifespan L80B10 [h]:	84 000
Power factor:	0.95		LED lifespan L90B10 [h]:	42000
Charging time [h:min]:	3		Light distribution type:	open space
Battery life [h:min]:	3		Operating mode:	network-emergency
Battery:	NiMh		Technical Warranty:	2 / 0.5 (battery)
Battery capacity [mAh]:	2100		CE certificate:	110/2023
Diffuser material:	PS		PZH certificate:	B-BK-60112-0419/2025
Diffuser type:	PRM		CNBOP certificate:	
Diffuser colour:	transparent		Environmental Product Declaration (EPD):	944/2026
Material of the body:	ABS		Manual:	Download PDF
			ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
			Plik LDT:	Download

LIGHT CURVES
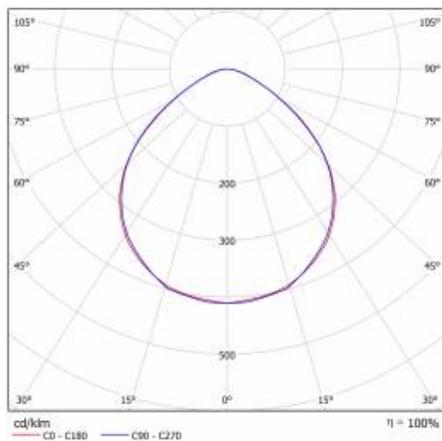
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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)
978395	Installation kit SQ 600 Ceiling system H40 100x100
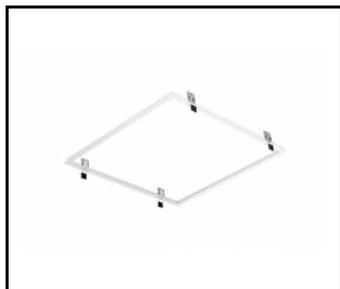
Plasterboard recessing kit 630x630
white (steel version) (999543)

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

LENA LIGHTING
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Page 3/3