

SQ 600 LED 4400LM PLX I CL. IP20 592X592MM 840 AW3H (45W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	669385
Ingress protection:	IP44/IP20
Nominal power [W]:	45
Luminous flux [lm]*:	4400
Colour rendering index:	>80
SDCM:	≤ 5
Energy efficiency class:	F
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	OPAL

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.

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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	45	Optics material:	PMMA
Index:	669385	Optics:	lens
Colour temperature [K]:	4000	Material of the body:	ABS
EAN:	5905963669385	Dimensions (H/W/T/S) [mm]:	592/592/44
Luminous flux [lm]:	4400	Mounting dimensions [mm]:	563/297
Light source:	LED module	Ingress protection:	IP44/IP20
Emergency luminous flux [lm]*:	200	Glow wire test [°C]:	650
Diffuser type:	OPAL	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Supply voltage [V]:	220 - 240V	Net weight [kg]:	2
Emergency lighting [h]:	3	Category type:	louvres
Frequency [Hz]:	50 - 60	Category of application:	commercial facilities, educational institutions
Colour of the body:	white	AC voltage range [V]:	90-175V
Luminous efficacy [lm/W]:	85	DC voltage range [V]:	198 - 264V
Energy efficiency class:	F	LED lifespan L70B50 [h]:	50000
Electrical protection class:	I	LED lifespan L80B20 [h]:	32 000
Colour rendering index:	>80	LED lifespan L90B10 [h]:	15000
SDCM:	≤ 5	Light distribution type:	open space
Power factor:	0.97	Technical Warranty:	2 / 0.5 (battery)
Charging time [h:min]:	3	CE certificate:	110/2023
Battery life [h:min]:	3	ENEC Certificate:	PL BBJ/006/2021/M1
Battery:	NiMh	PZH certificate:	B-BK-60212-0618/20
Battery capacity [mAh]:	2100	CNBOP certificate:	5152/2023
Diffuser material:	PS	Manual:	Download PDF
Diffuser colour:	white	Photobiological safety:	RG0 - exempt (no photobiological hazard)

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



Plasterboard recessing kit 630x630 white (steel version) (999543)

Card creation date: 09 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