

SQ 600 LED 4100LM PLX I CL. IP20 592X592MM 830 AW3H (45W) RAL9005

DETAILED CARD



TECHNICAL PARAMETERS

Index:	669415
Ingress protection:	IP44/IP20
Nominal power [W]:	45
Luminous flux [lm]*:	4100
Color rendering index (Ra) >:	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.

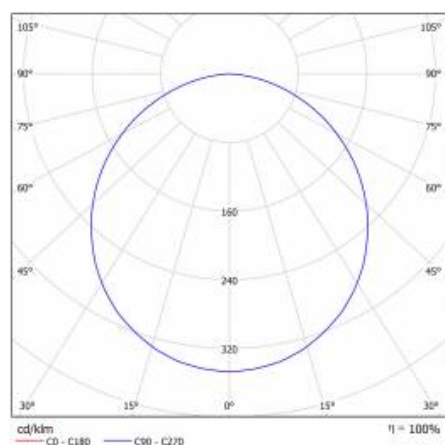
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TECHNICAL PARAMETERS TABLE

Index:	669415	Dimensions (H/W/T/S) [mm]:	592/592/44
EAN:	5905963669415	Mounting dimensions [mm]:	563/297
Light source:	LED module	Ingress protection:	IP44/IP20
Nominal power [W]:	45	Glow wire test [°C]:	650
Supply voltage [V]:	220 - 240V	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Frequency [Hz]:	50 - 60	Emergency lighting [h]:	3
Luminous flux [lm]:	4100	Net weight [kg]:	2
Emergency luminous flux [lm]*:	200	Category type:	dual-function luminaires
Luminous efficacy [lm/W]:	80	Category of application:	educational institutions, commercial facilities
Energy efficiency class:	F	AC voltage range [V]:	90-175V
Electrical protection class:	I	DC voltage range [V]:	198 - 264V
Colour temperature [K]:	3000	LED lifespan L70B50 [h]:	50000
Color rendering index (Ra) >:	80	LED lifespan L80B10 [h]:	32 000
SDCM:	5	LED lifespan L90B10 [h]:	15000
Power factor:	0.97	Light distribution type:	open space
Charging time [h:min]:	3	Operating mode:	network-emergency
Battery life [h:min]:	3	Photobiological safety:	RG0 - exempt (no photobiological hazard)
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:	OPAL	CNBOP certificate:	5152/2023
Diffuser colour:	white	Environmental Product Declaration (EPD):	944/2026
Optics material:	PMMA	Manual:	Download PDF
Optics:	lens	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Material of the body:	ABS	Plik LDT:	Download
Colour of the body:	black mat		

LIGHT CURVES



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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



Frame adapter KG 635x635
WHITE (374845)

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