SQ 600 LED 4400LM PLX I CL. IP20 592X592MM 840 EM3H (45W) RAL9005

DETAILED CARD



TECHNICAL PARAMETERS

Index:	669408
Ingress protection:	IP44/IP20
Nominal power [W]:	45
Luminous flux [lm]*:	4400
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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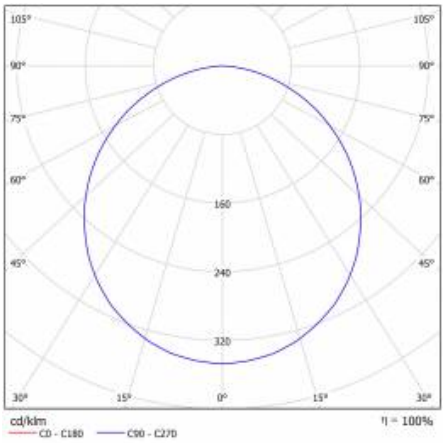
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	669408
EAN:	5905963669408
Light source:	LED module
Nominal power [W]:	45
Supply voltage [V]:	220 - 240V
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	4400
Emergency luminous flux [lm]*:	200
Luminous efficacy [lm/W]:	85
Energy efficiency class:	F
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	5
Power factor:	0.97
Charging time [h:min]:	3
Battery life [h:min]:	3
Battery:	NiMh
Battery capacity [mAh]:	2100
Diffuser material:	PS
Diffuser type:	OPAL
Diffuser colour:	white
Optics material:	PMMA
Optics:	lens
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
Emergency lighting [h]:	3
Net weight [kg]:	2
Category type:	dual-function luminaires
Category of application:	educational institutions, commercial facilities
AC voltage range [V]:	90-175V
DC voltage range [V]:	198 - 264V
LED lifespan L70B50 [h]:	50000
LED lifespan L80B10 [h]:	32 000
LED lifespan L90B10 [h]:	15000
Working temperature [°C]:	from 0 to +35
Light distribution type:	open space
Autotest:	yes
Operating mode:	network-emergency
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	2 / 0.5 (battery)
CE certificate:	110/2023
PZH certificate:	B-BK-60112-0419/2025
CNBOP certificate:	5152/2023
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES

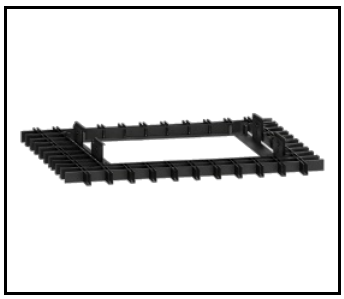


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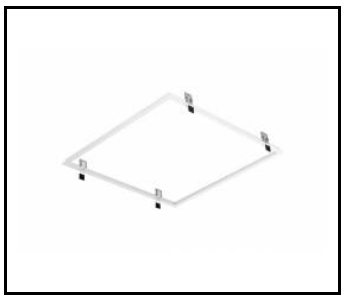
DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE



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



Frame adapter KG 635x635 WHITE (374845)

Card creation date: 12 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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