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.
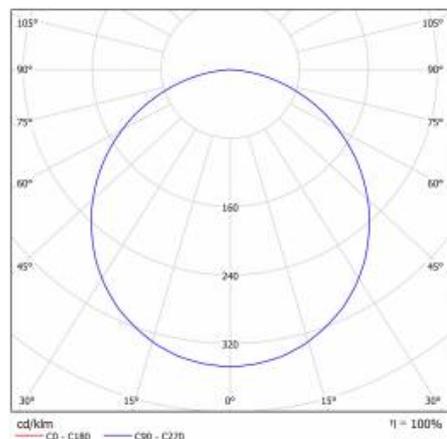
LENA LIGHTING

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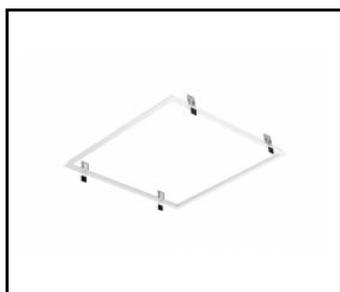|			
Index:	669415	**Dimensions (H/W/T/S) [mm]:**	592/592/44
EAN:	5905963669415	**Mounting dimensions [mm]:**	563/297
Light source:	LED module	**Ingress protection:**	IP44/IP20
Nominal power [W]:	45	**Glow wire test [°C]:**	650
Supply voltage [V]:	220 - 240V	**Mounting version:**	surface mounted; recessed mounted in modular ceiling possible
Frequency [Hz]:	50 - 60		
Luminous flux [lm]:	4100	**Emergency lighting [h]:**	3
Emergency luminous flux [lm]*:	200	**Net weight [kg]:**	2
Luminous efficacy [lm/W]:	80	**Category type:**	dual-function luminaires
Energy efficiency class:	F	**Category of application:**	educational institutions, commercial facilities
Electrical protection class:	I	**AC voltage range [V]:**	90-175V
Colour temperature [K]:	3000	**DC voltage range [V]:**	198 - 264V
Color rendering index (Ra) >:	80	**LED lifespan L70B50 [h]:**	50000
SDCM:	5	**LED lifespan L80B10 [h]:**	32 000
Power factor:	0.97	**LED lifespan L90B10 [h]:**	15000
Charging time [h:min]:	3	**Light distribution type:**	open space
Battery life [h:min]:	3	**Operating mode:**	network-emergency
Battery:	NiMh	**Photobiological safety:**	RG0 - exempt (no photobiological hazard)
Battery capacity [mAh]:	2100	**Technical Warranty:**	2 / 0.5 (battery)
Diffuser material:	PS	**CE certificate:**	110/2023
Diffuser type:	OPAL	**PZH certificate:**	B-BK-60112-0419/2025
Diffuser colour:	white	**CNBOP certificate:**	5152/2023
Optics material:	PMMA	**Environmental Product Declaration (EPD):**	944/2026
Optics:	lens	**Manual:**	Download PDF
Material of the body:	ABS	**ISO Certificates:**	9001:2015, 14001:2015, 45001:2018, 50001:2018
Colour of the body:	black mat	**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)

Certificate CE - Nr: 110/2023