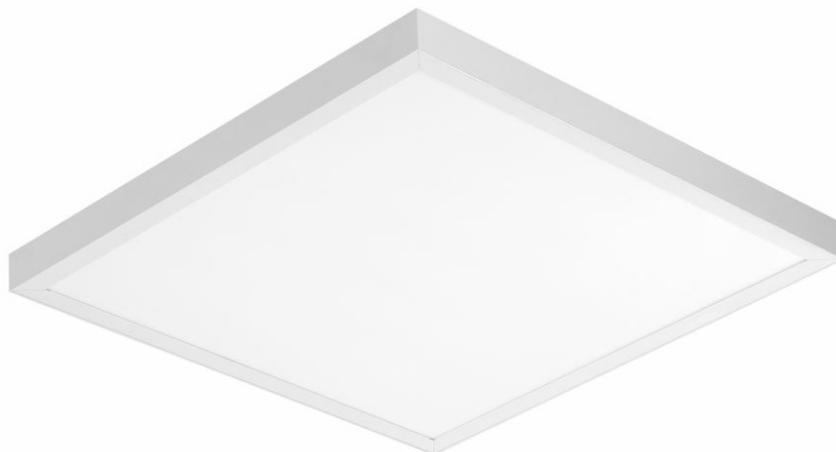# SQ 600 LED 4400LM PLX RCR DALI I KL. IP20 592X592MM 840 (45W) CORRIDOR

DETAILED CARD

TECHNICAL PARAMETERS

Index:	668326
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 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.
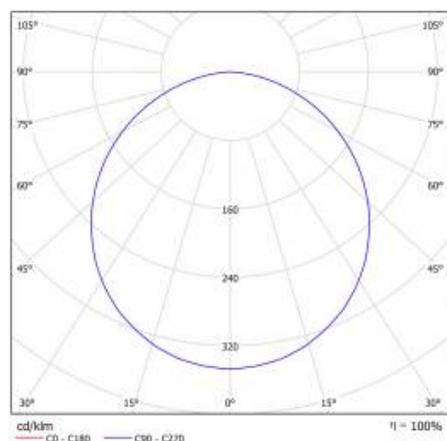
SQ 600 LED 4400LM PLX RCR DALI I KL. IP20 592X592MM 840 (45W) CORRIDOR

DETAILED CARD

TECHNICAL PARAMETERS TABLE

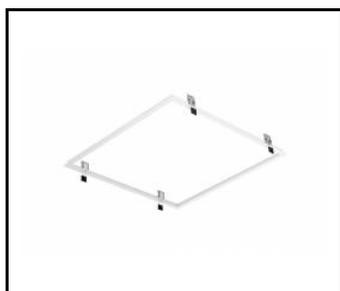|			
Index:	668326	Glow wire test [°C]:	650
Light source:	LED module	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Nominal power [W]:	45	Corridor function:	yes
Rated power of the luminaire [W]:	51.50	Motion sensor:	yes
Supply voltage [V]:	220-240	DIMM DALI:	yes
Frequency [Hz]:	50 - 60	Net weight [kg]:	2.500
Luminous flux [lm]:	4400	Category type:	troffers
Luminous efficacy [lm/W]:	85	Category of application:	educational institutions, commercial facilities
Energy efficiency class:	F	AC voltage range [V]:	198 - 264
Electrical protection class:	I	DC voltage range [V]:	176-280
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	50000
Color rendering index (Ra) >:	80	LED lifespan L80B10 [h]:	32000
SDCM:	5	LED lifespan L90B10 [h]:	15000
Power factor:	0.96	Light distribution type:	open space
Diffuser material:	PS	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser type:	OPAL	Technical Warranty:	5
Diffuser colour:	white	CE certificate:	110/2023
Optics material:	PMMA	ENEC Certificate:	PL BBJ/006/2021/M1/A1
Optics:	lens	PZH certificate:	B-BK-60112-0419/2025
Material of the body:	ABS	Environmental Product Declaration (EPD):	944/2026
Colour of the body:	white	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	592/592/44	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Mounting dimensions [mm]:	563/297	Plik LDT:	Download
Ingress protection:	IP44/IP20		

LIGHT CURVES

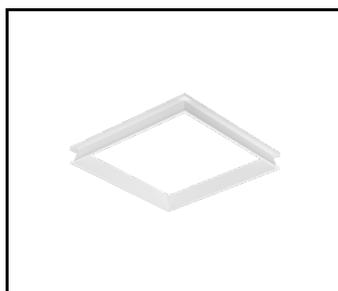# SQ 600 LED 4400LM PLX RCR DALI I KL. IP20 592X592MM 840 (45W) CORRIDOR

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"

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

Frame steel white structure RAL9016 600x600 SM "well effect" (998966)

Certificate CE - Nr: 110/2023

LENA LIGHTING

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