

SQ 100 LED PLUS P 590LM MAT II CL. IP44/20 830 (6W)

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP44/20
Rated power of the luminaire [W]*:	6
Luminous flux [lm]*:	590
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
Energy efficiency class:	E
Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	matt

CHARACTERISTICS

SQ 100 LED PLUS P 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.

APPLICATION

Recessed-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:	572579	Material of the body:	ABS
EAN:	5905963572579	Colour of the body:	white
Rated power of the luminaire [W]:	6	Dimensions (H/W/T/S) [mm]:	102/102/75
Supply voltage [V]:	220 - 240	Impact resistance:	IK08
Frequency [Hz]:	50 - 60	Ingress protection:	IP44/20
Luminous flux [lm]:	590	Mounting version:	recessed
Luminous efficacy [lm/W]:	102	Working temperature [°C]:	from -25 to +35
Energy efficiency class:	E	Net weight [kg]:	0.300
Electrical protection class:	II	LED lifespan L70B50 [h]:	150000
Colour temperature [K]:	3000	LED lifespan L80B10 [h]:	100000
Color rendering index (Ra) >:	80	LED lifespan L90B10 [h]:	50000
SDCM:	3	Warranty [years]:	5
Power factor:	0.99	CE certificate:	313/2023
Beam angle [°]:	105	Environmental Product Declaration (EPD):	944/2026
Diffuser material:	PC	Manual:	Download PDF
Diffuser type:	matt	ISO Certificates:	9001:2015. 14001:2015. 45001:2018. 50001:2018
Diffuser colour:	milky	Plik LDT:	Download

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: 313/2023