

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

DETAILED CARD



## TECHNICAL PARAMETERS

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

<b>Index:</b>	572579	<b>Material of the body:</b>	ABS
<b>EAN:</b>	5905963572579	<b>Colour of the body:</b>	white
<b>Rated power of the luminaire [W]:</b>	6	<b>Dimensions (H/W/T/S) [mm]:</b>	102/102/75
<b>Supply voltage [V]:</b>	220 - 240	<b>Impact resistance:</b>	IK08
<b>Frequency [Hz]:</b>	50 - 60	<b>Ingress protection:</b>	IP44/20
<b>Luminous flux [lm]:</b>	590	<b>Mounting version:</b>	recessed
<b>Luminous efficacy [lm/W]:</b>	102	<b>Working temperature [°C]:</b>	from -25 to +35
<b>Energy efficiency class:</b>	E	<b>Net weight [kg]:</b>	0.300
<b>Electrical protection class:</b>	II	<b>LED lifespan L70B50 [h]:</b>	132000
<b>Colour temperature [K]:</b>	3000	<b>LED lifespan L80B10 [h]:</b>	84000
<b>Color rendering index (Ra) &gt;:</b>	80	<b>LED lifespan L90B10 [h]:</b>	42000
<b>SDCM:</b>	3	<b>Warranty [years]:</b>	5
<b>Power factor:</b>	0.99	<b>CE certificate:</b>	<a href="#">313/2023</a>
<b>Beam angle [°]:</b>	105	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Diffuser material:</b>	PC	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser type:</b>	matt	<b>ISO Certificates:</b>	9001:2015. 14001:2015. 45001:2018. 50001:2018
<b>Diffuser colour:</b>	milky	<b>Plik LDT:</b>	<a href="#">Download</a>

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