

# SQ 160 LED P 2450LM MAT 840 (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	570643
<b>Ingress protection:</b>	IP44/20
<b>Nominal power [W]:</b>	21
<b>Luminous flux [lm]*:</b>	2450
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</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>	PS

## CHARACTERISTICS

SQ 160 LED 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

Nominal power [W]:	21	Dimensions (H/W/T/S) [mm]:	158/158/70
Index:	570643	Mounting dimensions [mm]:	145x145
Colour temperature [K]:	4000	Impact resistance:	IK08
Light source:	LED module	Ingress protection:	IP44/20
Luminous flux [lm]:	2450	Glow wire test [°C]:	650
Diffuser type:	MAT	Mounting version:	recessed
Rated power of the luminaire [W]:	22	Working temperature [°C]:	from -20 to +35
Beam angle [°]:	110	Net weight [kg]:	0.270
Supply voltage [V]:	220 - 240	Warranty [years]:	5
Energy efficiency class:	E	Category type:	downlights
Frequency [Hz]:	50 - 60	LED lifespan L70B50 [h]:	132000
Luminous efficacy [lm/W]:	111	LED lifespan L80B20 [h]:	84000
Electrical protection class:	I	LED lifespan L90B10 [h]:	42000
Colour rendering index:	>80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.99	Category of application:	HoReCa, commercial facilities, educational institutions, art and culture
Diffuser material:	PS	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	CE certificate:	<a href="#">315/2023</a>
Colour of the body:	white	Plik LDT:	<a href="#">Pobierz</a>

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## ACCESSORIES AVAILABLE

index	Name
998942	Frame square 220 for SQ160 white RAL9016 structure



Frame square 220 for SQ160 white  
RAL9016 structure (998942)

Card creation date: 17 December 2024

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: 315/2023