

# SQ 160 LED P 1800LM MAT 840 (17W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	570636
<b>Ingress protection:</b>	IP44/20
<b>Nominal power [W]:</b>	17
<b>Luminous flux [lm]*:</b>	1800
<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.

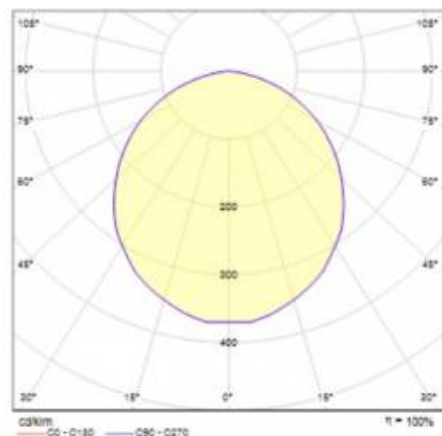
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## TECHNICAL PARAMETERS TABLE

Index:	570636	Dimensions (H/W/T/S) [mm]:	158/158/70
Light source:	LED module	Mounting dimensions [mm]:	145x145
Nominal power [W]:	17	Impact resistance:	IK08
Rated power of the luminaire [W]:	18	Ingress protection:	IP44/20
Supply voltage [V]:	220 - 240	Glow wire test [°C]:	650
Frequency [Hz]:	50 - 60	Mounting version:	recessed
Luminous flux [lm]:	1800	Working temperature [°C]:	from -20 to +35
Luminous efficacy [lm/W]:	95	Net weight [kg]:	0.270
Energy efficiency class:	E	Warranty [years]:	5
Electrical protection class:	I	Category type:	downlights
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	132000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	84000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	42000
Power factor:	0.99	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Beam angle [°]:	110	Warranty [years]:	5
Diffuser material:	PS	Category of application:	HoReCa, commercial facilities, educational institutions, art and culture
Diffuser type:	MAT	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	CE certificate:	<a href="#">315/2023</a>
Colour of the body:	white		

## LIGHT CURVES



Card creation date: 19 August 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



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