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

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	570636
Ingress protection:	IP44/20
Nominal power [W]:	17
Luminous flux [lm]*:	1800
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Energy efficiency class:	E
Material of the body:	ABS
Colour of the body:	white
Diffuser material:	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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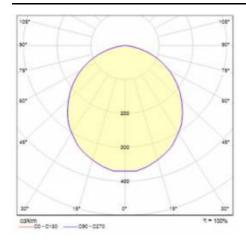
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	570636
Light source:	LED module
Nominal power [W]:	17
Rated power of the luminaire [W]:	18
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	1800
Luminous efficacy [lm/W]:	95
Energy efficiency class:	Е
Electrical protection class:	1
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.99
Beam angle [°]:	110
Diffuser material:	PS
Diffuser type:	matt
Material of the body:	ABS
Colour of the body:	white

Dimensions (H/W/T/S) [mm]:	158/158/70
Mounting dimensions [mm]:	145x145
Impact resistance:	IK08
Ingress protection:	IP44/20
Glow wire test [°C]:	650
Mounting version:	recessed
Working temperature [°C]:	from -20 to +35
Net weight [kg]:	0.270
Warranty [years]:	5
Category type:	downlights
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L90B10 [h]:	42000
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
Category of application:	educational institutions, HoReCa, commercial facilities
Manual:	Download PDF
CE certificate:	<u>315/2023</u>
Plik LDT:	Download

### **LIGHT CURVES**





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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: 09 January 2025



