## SQ 160 LED PLUS P 2900LM 840 IP44/20 II CL. AW3H PRM (21W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	571961	
Ingress protection:	IP44/IP20	
Nominal power [W]:	21	
Luminous flux [lm]*:	2900	
Colour temperature [K]:	4000	
Colour rendering index:	80	
Energy efficiency class:	D	
Material of the body:	ABS	
Colour of the body:	white	
Diffuser material:	PC	

### **CHARACTERISTICS**

SQ 160 LED PLUS P AW 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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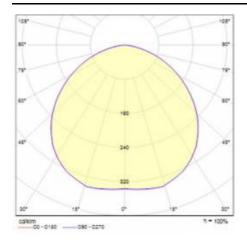
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	571961
EAN:	5905963571961
Nominal power [W]:	21
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	2900
Emergency luminous flux [lm]*:	165
Luminous efficacy [lm/W]:	132
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Power factor:	0.99
Charging time [h:min]:	24
Battery life [h:min]:	3
Beam angle [°]:	115
Battery:	Ni-Mh
Battery capacity [mAh]:	2100
Diffuser material:	PC
Diffuser type:	PRM
Material of the body:	ABS

Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	158/158/78
Mounting dimensions [mm]:	145/145
Impact resistance:	IK08
Ingress protection:	IP44/IP20
Mounting version:	recessed
Working temperature [°C]:	od -20 do +35
Emergency lighting [h]:	3
Dimensions of single box [mm]:	310/225/68
Number on the palette [pcs]:	180
Net weight [kg]:	0.800
Category type:	downlights
Operating mode:	M
UGR (4H8H):	<28
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L90B10 [h]:	42000
Technical Warranty:	2 / 0.5 (battery)
CE certificate:	14/2024
CNBOP certificate:	5152/2023
Manual:	Download PDF
Photobiological safety:	RG0 - exempt (no photobiological hazard)

### **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



