

# SQ 160 LED PLUS P 2450LM 840 IP44/20 II CL. AW3H MAT (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	571909
<b>Ingress protection:</b>	IP44/IP20
<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>	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.

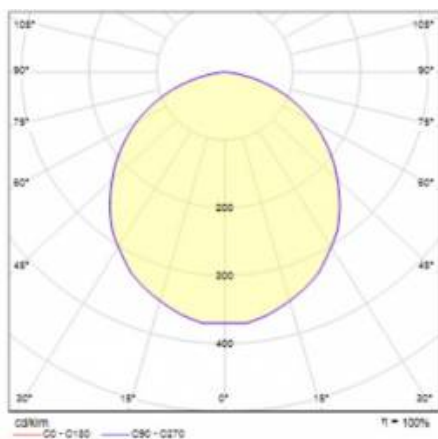
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	21	Colour of the body:	white
Index:	571909	Dimensions (H/W/T/S) [mm]:	158/158/78
Colour temperature [K]:	4000	Mounting dimensions [mm]:	145/145
EAN:	5905963571909	Impact resistance:	IK08
Luminous flux [lm]:	2450	Ingress protection:	IP44/IP20
Emergency luminous flux [lm]*:	165	Mounting version:	recessed
Diffuser type:	MAT	Working temperature [°C]:	-20 do +35
Supply voltage [V]:	220 - 240	Emergency lighting [h]:	3
Frequency [Hz]:	50 - 60	Dimensions of single box [mm]:	310/225/68
Luminous efficacy [lm/W]:	111	Number on the palette [pcs]:	180
Energy efficiency class:	E	Net weight [kg]:	0.800
Electrical protection class:	I	Category type:	downlights
Colour rendering index:	>80	Operating mode:	M
SDCM:	≤ 3	UGR (4H8H):	<28
Power factor:	0.99	LED lifespan L70B50 [h]:	132000
Charging time [h:min]:	24	LED lifespan L80B20 [h]:	84000
Battery life [h:min]:	3	LED lifespan L90B10 [h]:	42000
Beam angle [°]:	110	Technical Warranty:	2 / 0.5 (battery)
Battery:	Ni-Mh	CE certificate:	<a href="#">14/2024</a>
Battery capacity [mAh]:	2100	CNBOP certificate:	<a href="#">5152/2023</a>
Diffuser material:	PC	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	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

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: 14/2024