

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

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	571909
Ingress protection:	IP44/IP20
Nominal power [W]:	21
Luminous flux [lm]*:	2450
Colour temperature [K]:	4000
Colour rendering index:	80
Energy efficiency class:	E
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.

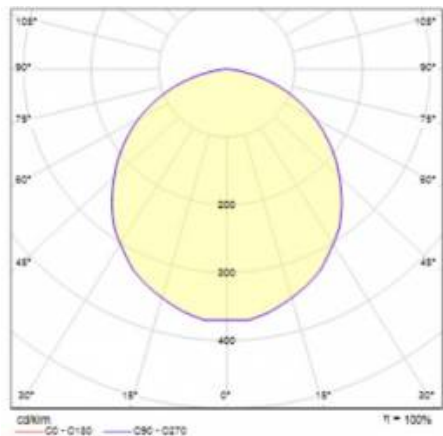
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## TECHNICAL PARAMETERS TABLE

Index:	571909	Colour of the body:	white
EAN:	5905963571909	Dimensions (H/W/T/S) [mm]:	158/158/78
Nominal power [W]:	21	Mounting dimensions [mm]:	145/145
Supply voltage [V]:	220 - 240	Impact resistance:	IK08
Frequency [Hz]:	50 - 60	Ingress protection:	IP44/IP20
Luminous flux [lm]:	2450	Mounting version:	recessed
Emergency luminous flux [lm]*:	165	Working temperature [°C]:	od -20 do +35
Luminous efficacy [lm/W]:	111	Emergency lighting [h]:	3
Energy efficiency class:	E	Dimensions of single box [mm]:	310/225/68
Electrical protection class:	I	Number on the palette [pcs]:	180
Colour temperature [K]:	4000	Net weight [kg]:	0.800
Colour rendering index:	80	Category type:	dual-function luminaires
SDCM:	≤ 3	Operating mode:	M
Power factor:	0.99	UGR (4H8H):	<28
Charging time [h:min]:	24	LED lifespan L70B50 [h]:	132000
Battery life [h:min]:	3	LED lifespan L80B20 [h]:	84000
Beam angle [°]:	110	LED lifespan L90B10 [h]:	42000
Battery:	Ni-Mh	Technical Warranty:	2 / 0.5 (battery)
Battery capacity [mAh]:	2100	CE certificate:	<a href="#">14/2024</a>
Diffuser material:	PC	CNBOP certificate:	<a href="#">5152/2023</a>
Diffuser type:	matt	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	Photobiological safety:	RG0 - exempt (no photobiological hazard)

## LIGHT CURVES



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

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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