

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
Color rendering index (Ra) >:	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.

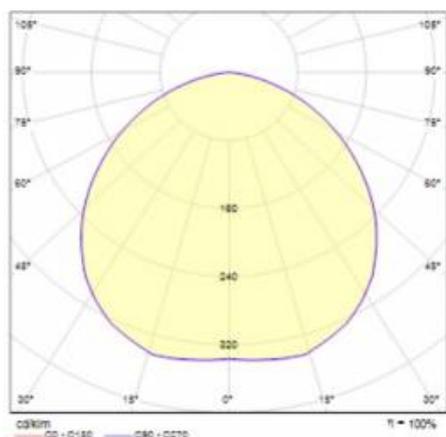
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TECHNICAL PARAMETERS TABLE

Index:	571961	Dimensions (H/W/T/S) [mm]:	158/158/78
EAN:	5905963571961	Mounting dimensions [mm]:	145/145
Nominal power [W]:	21	Impact resistance:	IK08
Supply voltage [V]:	220 - 240	Ingress protection:	IP44/IP20
Frequency [Hz]:	50 - 60	Mounting version:	recessed
Luminous flux [lm]:	2900	Working temperature [°C]:	od -20 do +35
Emergency luminous flux [lm]*:	165	Emergency lighting [h]:	3
Luminous efficacy [lm/W]:	132	Dimensions of single box [mm]:	310/225/68
Energy efficiency class:	D	Number on the palette [pcs]:	180
Electrical protection class:	I	Net weight [kg]:	0.800
Colour temperature [K]:	4000	Category type:	dual-function luminaires
Color rendering index (Ra) >:	80	Operating mode:	network-emergency
SDCM:	3	UGR (4H8H):	<28
Power factor:	0.99	LED lifespan L70B50 [h]:	132000
Charging time [h:min]:	24	LED lifespan L80B10 [h]:	84000
Battery life [h:min]:	3	LED lifespan L90B10 [h]:	42000
Beam angle [°]:	115	Light distribution type:	lambertian
Battery:	Ni-Mh	Technical Warranty:	2 / 0.5 (battery)
Battery capacity [mAh]:	2100	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser material:	PC	CE certificate:	14/2024
Diffuser type:	PRM	CNBOP certificate:	5152/2023
Material of the body:	ABS	Manual:	Download PDF
Colour of the body:	white	Plik LDT:	Download

LIGHT CURVES



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DETAILED CARD

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: 25 November 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