

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
Color rendering index (Ra) >:	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.

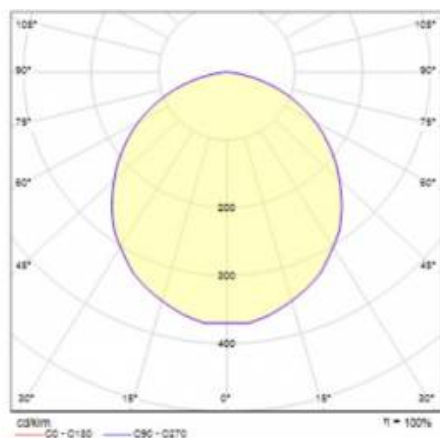
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TECHNICAL PARAMETERS TABLE

Index:	571909	Mounting dimensions [mm]:	145/145
EAN:	5905963571909	Impact resistance:	IK08
Nominal power [W]:	21	Ingress protection:	IP44/IP20
Supply voltage [V]:	220 - 240	Mounting version:	recessed
Frequency [Hz]:	50 - 60	Working temperature [°C]:	od -20 do +35
Luminous flux [lm]:	2450	Emergency lighting [h]:	3
Emergency luminous flux [lm]*:	165	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:	dual-function luminaires
Colour temperature [K]:	4000	Operating mode:	network-emergency
Color rendering index (Ra) >:	80	UGR (4H8H):	<28
SDCM:	3	LED lifespan L70B50 [h]:	132000
Power factor:	0.99	LED lifespan L80B10 [h]:	84000
Charging time [h:min]:	24	LED lifespan L90B10 [h]:	42000
Battery life [h:min]:	3	Light distribution type:	lambertian
Beam angle [°]:	110	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Battery:	Ni-Mh	Technical Warranty:	2 / 0.5 (battery)
Battery capacity [mAh]:	2100	CE certificate:	14/2024
Diffuser material:	PC	CNBOP certificate:	5152/2023
Diffuser type:	mat	Environmental Product Declaration (EPD):	944/2026
Material of the body:	ABS	Manual:	Download PDF
Colour of the body:	white	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Dimensions (H/W/T/S) [mm]:	158/158/78	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: 04 May 2026

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