

# SQ 160 LED PLUS P 2300LM 830 IP44/20 II CL. AW3H MAT (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	572081
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	21
<b>Luminous flux [lm]*:</b>	2300
<b>Colour temperature [K]:</b>	3000
<b>Color rendering index (Ra) &gt;:</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.

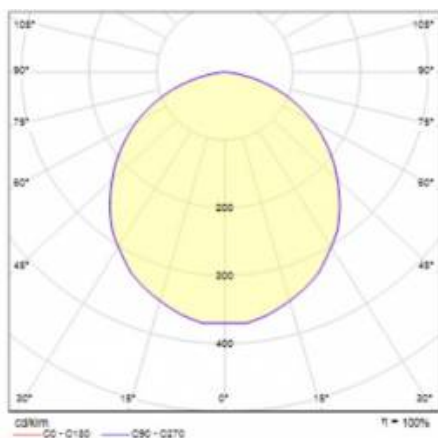
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## TECHNICAL PARAMETERS TABLE

Index:	572081	Mounting dimensions [mm]:	145/145
EAN:	5905963572081	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]:	2300	Emergency lighting [h]:	3
Emergency luminous flux [lm]*:	165	Dimensions of single box [mm]:	310/225/68
Luminous efficacy [lm/W]:	105	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]:	3000	Operating mode:	network-emergency
Color rendering index (Ra) >:	80	UGR (4H8H):	<28
SDCM:	3	LED lifespan L70B50 [h]:	150000
Power factor:	0.99	LED lifespan L80B10 [h]:	100000
Charging time [h:min]:	24	LED lifespan L90B10 [h]:	50000
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:	<a href="#">14/2024</a>
Diffuser material:	PC	CNBOP certificate:	<a href="#">5152/2023</a>
Diffuser type:	mat	Environmental Product Declaration (EPD):	<a href="#">944/2026</a>
Material of the body:	ABS	Manual:	<a href="#">Download PDF</a>
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:	<a href="#">Download</a>

## 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: 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