

# 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.

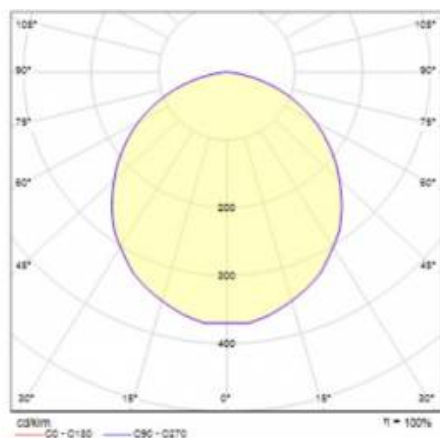
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	572081	<b>Mounting dimensions [mm]:</b>	145/145
<b>EAN:</b>	5905963572081	<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	21	<b>Ingress protection:</b>	IP44/IP20
<b>Supply voltage [V]:</b>	220 - 240	<b>Mounting version:</b>	recessed
<b>Frequency [Hz]:</b>	50 - 60	<b>Working temperature [°C]:</b>	od -20 do +35
<b>Luminous flux [lm]:</b>	2300	<b>Emergency lighting [h]:</b>	3
<b>Emergency luminous flux [lm]*:</b>	165	<b>Dimensions of single box [mm]:</b>	310/225/68
<b>Luminous efficacy [lm/W]:</b>	105	<b>Number on the palette [pcs]:</b>	180
<b>Energy efficiency class:</b>	E	<b>Net weight [kg]:</b>	0.800
<b>Electrical protection class:</b>	I	<b>Category type:</b>	dual-function luminaires
<b>Colour temperature [K]:</b>	3000	<b>Operating mode:</b>	network-emergency
<b>Color rendering index (Ra) &gt;:</b>	80	<b>UGR (4H8H):</b>	<28
<b>SDCM:</b>	3	<b>LED lifespan L70B50 [h]:</b>	150000
<b>Power factor:</b>	0.99	<b>LED lifespan L80B10 [h]:</b>	100000
<b>Charging time [h:min]:</b>	24	<b>LED lifespan L90B10 [h]:</b>	50000
<b>Battery life [h:min]:</b>	3	<b>Light distribution type:</b>	lambertian
<b>Beam angle [°]:</b>	110	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Battery:</b>	Ni-Mh	<b>Technical Warranty:</b>	2 / 0.5 (battery)
<b>Battery capacity [mAh]:</b>	2100	<b>CE certificate:</b>	<a href="#">14/2024</a>
<b>Diffuser material:</b>	PC	<b>CNBOP certificate:</b>	<a href="#">5152/2023</a>
<b>Diffuser type:</b>	mat	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Material of the body:</b>	ABS	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Colour of the body:</b>	white	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Dimensions (H/W/T/S) [mm]:</b>	158/158/78	<b>Plik LDT:</b>	<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