

# 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>Colour rendering index:</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.

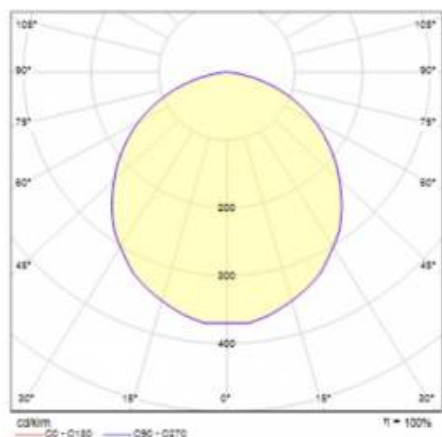
# SQ 160 LED PLUS P 2300LM 830 IP44/20 II CL. AW3H MAT (21W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	572081	Colour of the body:	white
EAN:	5905963572081	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]:	2300	Mounting version:	recessed
Emergency luminous flux [lm]*:	165	Working temperature [°C]:	-20 do +35
Luminous efficacy [lm/W]:	105	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]:	3000	Net weight [kg]:	0.800
Colour rendering index:	>80	Category type:	downlights
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:	MAT	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	Photobiological safety:	RG0 - exempt (no photobiological hazard)

## LIGHT CURVES



Card creation date: 19 August 2024

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



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: [hello@lenalighting.pl](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)