

# SQ 160 LED PLUS P 2450LM 840 IP44/20 II CL. AW3H MAT (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	571909
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	21
<b>Luminous flux [lm]*:</b>	2450
<b>Colour temperature [K]:</b>	4000
<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.

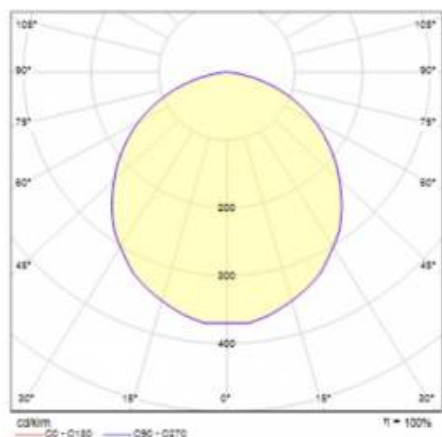
# SQ 160 LED PLUS P 2450LM 840 IP44/20 II CL. AW3H MAT (21W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	571909	<b>Colour of the body:</b>	white
<b>EAN:</b>	5905963571909	<b>Dimensions (H/W/T/S) [mm]:</b>	158/158/78
<b>Nominal power [W]:</b>	21	<b>Mounting dimensions [mm]:</b>	145/145
<b>Supply voltage [V]:</b>	220 - 240	<b>Impact resistance:</b>	IK08
<b>Frequency [Hz]:</b>	50 - 60	<b>Ingress protection:</b>	IP44/IP20
<b>Luminous flux [lm]:</b>	2450	<b>Mounting version:</b>	recessed
<b>Emergency luminous flux [lm]*:</b>	165	<b>Working temperature [°C]:</b>	-20 do +35
<b>Luminous efficacy [lm/W]:</b>	111	<b>Emergency lighting [h]:</b>	3
<b>Energy efficiency class:</b>	E	<b>Dimensions of single box [mm]:</b>	310/225/68
<b>Electrical protection class:</b>	I	<b>Number on the palette [pcs]:</b>	180
<b>Colour temperature [K]:</b>	4000	<b>Net weight [kg]:</b>	0.800
<b>Colour rendering index:</b>	>80	<b>Category type:</b>	downlights
<b>SDCM:</b>	≤ 3	<b>Operating mode:</b>	M
<b>Power factor:</b>	0.99	<b>UGR (4H8H):</b>	<28
<b>Charging time [h:min]:</b>	24	<b>LED lifespan L70B50 [h]:</b>	132000
<b>Battery life [h:min]:</b>	3	<b>LED lifespan L80B20 [h]:</b>	84000
<b>Beam angle [°]:</b>	110	<b>LED lifespan L90B10 [h]:</b>	42000
<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>Manual:</b>	<a href="#">Download PDF</a>
<b>Material of the body:</b>	ABS	<b>Photobiological safety:</b>	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, www.lenalighting.pl