SQ 160 LED PLUS P 2900LM 840 IP44/20 II CL. EM3H PRM (21W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	571961
Ingress protection:	IP44/IP20
Nominal power [W]:	21
Luminous flux [lm]*:	2900
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Energy efficiency class:	D
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.

SQ 160 LED PLUS P 2900LM 840 IP44/20 II CL. EM3H PRM (21W)

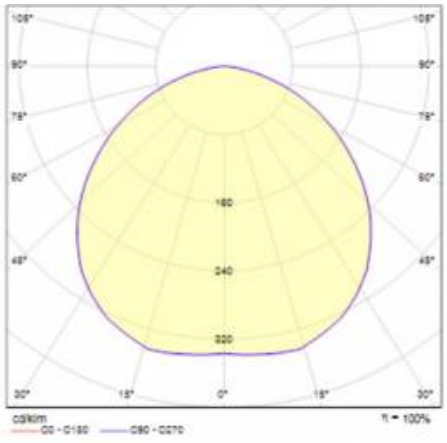
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	571961
EAN:	5905963571961
Nominal power [W]:	21
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2900
Emergency luminous flux [lm]*:	165
Luminous efficacy [lm/W]:	132
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.99
Charging time [h:min]:	24
Battery life [h:min]:	3
Beam angle [°]:	115
Battery:	Ni-Mh
Battery capacity [mAh]:	2100
Diffuser material:	PC
Diffuser type:	PRM
Material of the body:	ABS
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	158/158/78

Mounting dimensions [mm]:	145/145
Impact resistance:	IK08
Ingress protection:	IP44/IP20
Mounting version:	recessed
Working temperature [°C]:	od -20 do +35
Emergency lighting [h]:	3
Dimensions of single box [mm]:	310/225/68
Number on the palette [pcs]:	180
Net weight [kg]:	0.800
Category type:	dual-function luminaires
Operating mode:	network-emergency
UGR (4H8H):	<28
LED lifespan L70B50 [h]:	150000
LED lifespan L80B10 [h]:	100000
LED lifespan L90B10 [h]:	50000
Light distribution type:	lambertian
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	2 / 0.5 (battery)
CE certificate:	14/2024
CNBOP certificate:	5152/2023
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES



SQ 160 LED PLUS P 2900LM 840 IP44/20 II CL. EM3H PRM (21W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
998942	Frame square 220 for SQ160 white RAL9016 structure



Frame square 220 for SQ160 white RAL9016 structure (998942)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 14/2024

LENA LIGHTING

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