SQ 160 LED P 2450LM MAT 840 (21W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	570643
Ingress protection:	IP44/20
Nominal power [W]:	21
Luminous flux [lm]*:	2450
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Energy efficiency class:	E
Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PS

CHARACTERISTICS

SQ 160 LED P 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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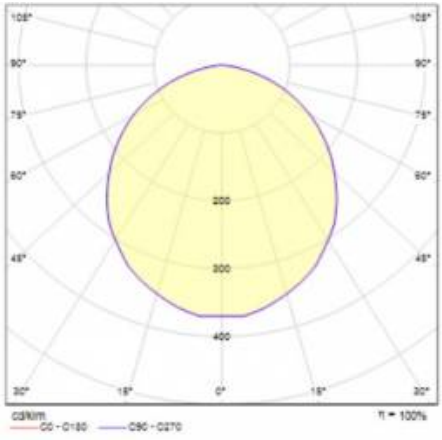
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	570643
Light source:	LED module
Nominal power [W]:	21
Rated power of the luminaire [W]:	22
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2450
Luminous efficacy [lm/W]:	111
Energy efficiency class:	E
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.99
Beam angle [°]:	110
Diffuser material:	PS
Diffuser type:	matt
Material of the body:	ABS
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	158/158/70

Mounting dimensions [mm]:	145x145
Impact resistance:	IK08
Ingress protection:	IP44/20
Glow wire test [°C]:	650
Mounting version:	recessed
Working temperature [°C]:	from -20 to +35
Net weight [kg]:	0.270
Category type:	downlights
LED lifespan L70B50 [h]:	150000
LED lifespan L80B10 [h]:	100000
LED lifespan L90B10 [h]:	50000
Category of application:	educational institutions, HoReCa, commercial facilities
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
CE certificate:	315/2023
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015. 14001:2015. 45001:2018. 50001:2018
Plik LDT:	Download

LIGHT CURVES



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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)

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: 315/2023

LENA LIGHTING

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