

SQ 160 LED P 2750LM 75DEG 840 (21W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	570742
Ingress protection:	IP44/20
Nominal power [W]:	21
Luminous flux [lm]*:	2750
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:	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.

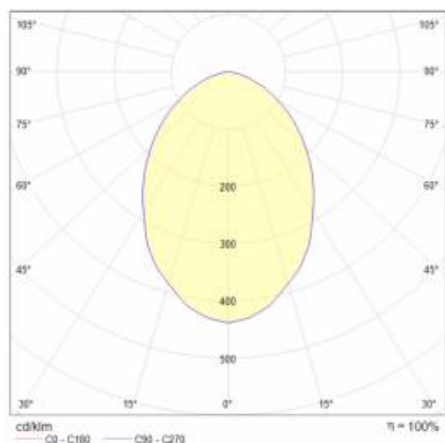
SQ 160 LED P 2750LM 75DEG 840 (21W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	570742	Dimensions (H/W/T/S) [mm]:	158/158/70
Light source:	LED module	Mounting dimensions [mm]:	145x145
Nominal power [W]:	21	Impact resistance:	IK08
Rated power of the luminaire [W]:	22	Ingress protection:	IP44/20
Supply voltage [V]:	220 - 240	Glow wire test [°C]:	650
Frequency [Hz]:	50 - 60	Mounting version:	recessed
Luminous flux [lm]:	2750	Working temperature [°C]:	from -20 to +35
Luminous efficacy [lm/W]:	125	Net weight [kg]:	0.270
Energy efficiency class:	D	Category type:	downlights
Electrical protection class:	I	LED lifespan L70B50 [h]:	132000
Colour temperature [K]:	4000	LED lifespan L80B10 [h]:	84000
Color rendering index (Ra) >:	80	LED lifespan L90B10 [h]:	42000
SDCM:	3	Category of application:	educational institutions, HoReCa, commercial facilities
Power factor:	0.99	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Beam angle [°]:	75	Warranty [years]:	5
Diffuser material:	PS	CE certificate:	315/2023
Diffuser type:	OPAL	Manual:	Download PDF
Optics:	lens	ISO Certificates:	9001:2015. 14001:2015. 45001:2018. 50001:2018
Material of the body:	ABS	Pliik LDT:	Download
Colour of the body:	white		

LIGHT CURVES



SQ 160 LED P 2750LM 75DEG 840 (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)

Card creation date: 30 April 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: 315/2023