

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	570049
Ingress protection:	IP44/20
Nominal power [W]:	21
Luminous flux [lm]*:	2450
Colour temperature [K]:	4000
Electrical protection class:	I
Energy efficiency class:	E
Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC

CHARACTERISTICS

RQ 160 LED P is a new line of round 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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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	21	Impact resistance:	IK08
Index:	570049	Ingress protection:	IP44/20
Colour temperature [K]:	4000	Glow wire test [°C]:	650
Light source:	LED module	Mounting version:	recessed
Luminous flux [lm]:	2450	Working temperature [°C]:	from -20 to +35
Diffuser type:	MAT	Number on the palette [pcs]:	420
Rated power of the luminaire [W]:	22	Warranty [years]:	5
Beam angle [°]:	110	Flicker procent:	67
Supply voltage [V]:	220 - 240	Luminous flux of the luminaire 0 min [lm]*:	2450
Energy efficiency class:	E	ITHD [%]:	16
Frequency [Hz]:	50 - 60	LED lifespan L70B50 [h]:	132000
Luminous efficacy [lm/W]:	111	LED lifespan L80B20 [h]:	84000
Electrical protection class:	I	LED lifespan L90B10 [h]:	42000
Colour rendering index:	>80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.99	Category of application:	HoReCa, commercial facilities, educational institutions, art and culture
Diffuser material:	PC	Manual:	Download PDF
Material of the body:	ABS	CE certificate:	318/2023
Colour of the body:	white	ETIM class:	EC002892
Dimensions (H/W/T/S) [mm]:	162/70	Plik LDT:	Download
Mounting dimensions [mm]:	150		

LIGHT CURVES

