

RQ 160 LED P 2300LM MAT 830 (21W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	570193
Ingress protection:	IP44/20
Nominal power [W]:	21
Luminous flux [lm]*:	2300
Colour temperature [K]:	3000
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.

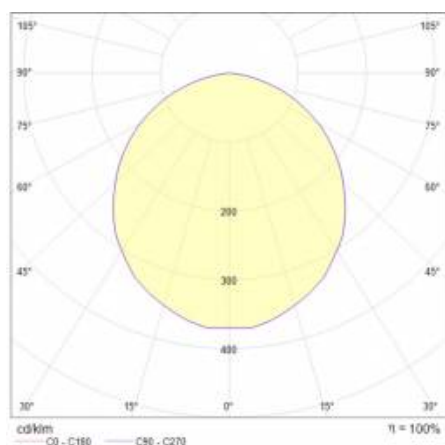
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TECHNICAL PARAMETERS TABLE

Index:	570193	Impact resistance:	IK08
Light source:	LED module	Ingress protection:	IP44/20
Nominal power [W]:	21	Glow wire test [°C]:	650
Rated power of the luminaire [W]:	22	Mounting version:	recessed
Supply voltage [V]:	220 - 240	Working temperature [°C]:	from -20 to +35
Frequency [Hz]:	50 - 60	Number on the palette [pcs]:	420
Luminous flux [lm]:	2300	Warranty [years]:	5
Luminous efficacy [lm/W]:	104	Flicker procent:	67
Energy efficiency class:	E	Luminous flux of the luminaire 0 min [lm]*:	2298
Electrical protection class:	I	ITHD [%]:	16
Colour temperature [K]:	3000	LED lifespan L70B50 [h]:	150000
Color rendering index (Ra) >:	80	LED lifespan L80B10 [h]:	100000
SDCM:	3	LED lifespan L90B10 [h]:	50000
Power factor:	0.99	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Beam angle [°]:	110	Warranty [years]:	5
Diffuser material:	PC	Category of application:	educational institutions, HoReCa, commercial facilities
Diffuser type:	mat	Manual:	Download PDF
Material of the body:	ABS	CE certificate:	318/2023
Colour of the body:	white	PZH certificate:	B-BK-60112-0365/2022
Dimensions (H/W/T/S) [mm]:	162/70	ISO Certificates:	9001:2015. 14001:2015. 45001:2018. 50001:2018
Mounting dimensions [mm]:	150	Plik LDT:	Download

LIGHT CURVES



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ACCESSORIES AVAILABLE

index	Name
897269	Cover frame for RQ160 D205mm white RAL 9003



Cover frame for RQ160 D205mm white
RAL 9003 (897269)

Card creation date: 10 February 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: 318/2023