

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

DETAILED CARD



## TECHNICAL PARAMETERS

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

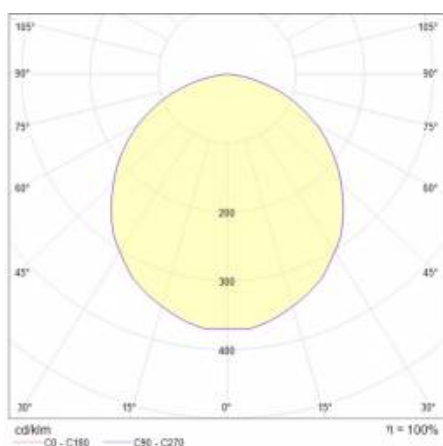
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Index:	570049	Mounting dimensions [mm]:	150
Light source:	LED module	Impact resistance:	IK08
Nominal power [W]:	21	Ingress protection:	IP44/20
Rated power of the luminaire [W]:	22	Glow wire test [°C]:	650
Supply voltage [V]:	220 - 240	Mounting version: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

## LIGHT CURVES



Card creation date: 17 July 2024

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



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