

# RQ 160 LED P 2800LM 75DEG 840 (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	570148
<b>Ingress protection:</b>	IP44/20
<b>Nominal power [W]:</b>	21
<b>Luminous flux [lm]*:</b>	2800
<b>Colour temperature [K]:</b>	4000
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	D
<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.

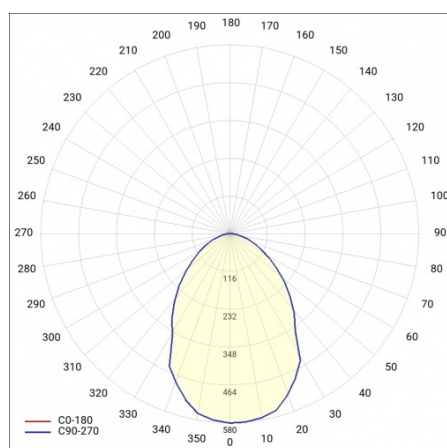
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	21	Mounting dimensions [mm]:	150
Index:	570148	Impact resistance:	IK08
Colour temperature [K]:	4000	Ingress protection:	IP44/20
Light source:	LED module	Glow wire test [°C]:	650
Luminous flux [lm]:	2800	Mounting version:	recessed
Diffuser type:	OPAL	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	22	Number on the palette [pcs]:	420
Beam angle [°]:	75	Warranty [years]:	5
Supply voltage [V]:	220 - 240	Flicker procent:	67
Energy efficiency class:	D	Luminous flux of the luminaire 0 min [lm]*:	2756
Frequency [Hz]:	50 - 60	ITHD [%]:	16
Luminous efficacy [lm/W]:	125	LED lifespan L70B50 [h]:	132000
Electrical protection class:	I	LED lifespan L80B20 [h]:	84000
Colour rendering index:	>80	LED lifespan L90B10 [h]:	42000
SDCM:	≤ 3	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Power factor:	0.99	Warranty [years]:	5
Diffuser material:	PC	Category of application:	HoReCa, commercial facilities, educational institutions, art and culture
Optics:	lens	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	CE certificate:	<a href="#">318/2023</a>
Colour of the body:	white	Plik LDT:	<a href="#">Download</a>
Dimensions (H/W/T/S) [mm]:	162/70		

## LIGHT CURVES



Card creation date: 09 January 2025

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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