# **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:	1
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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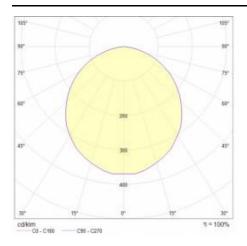
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#### **TECHNICAL PARAMETERS TABLE**

Index:	570193
Light source:	LED module
Nominal power [W]:	21
Rated power of the luminaire [W]:	22
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	2300
Luminous efficacy [lm/W]:	104
Energy efficiency class:	E
Electrical protection class:	1
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.99
Beam angle [°]:	110
Diffuser material:	PC
Diffuser type:	matt
Material of the body:	ABS
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	162/70

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Mounting dimensions [mm]:	150
Impact resistance:	IK08
Ingress protection:	IP44/20
Glow wire test [°C]:	650
Mounting version:	recessed
Working temperature [°C]:	from -20 to +35
Number on the palette [pcs]:	420
Warranty [years]:	5
Flicker procent:	67
Luminous flux of the luminaire 0 min [Im]*:	2298
ITHD [%]:	16
LED lifespan L70B50 [h]:	132000
ELD mespan Erobbo [n].	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L80B20 [h]:	84000
LED lifespan L80B20 [h]: LED lifespan L90B10 [h]:	84000 42000 RG0 - exempt (no
LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Photobiological safety:	84000 42000 RGO - exempt (no photobiological hazard)
LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Photobiological safety: Warranty [years]:	84000 42000 RGO - exempt (no photobiological hazard) 5 educational institutions, HoReCa,
LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Photobiological safety: Warranty [years]: Category of application:	84000 42000 RG0 - exempt (no photobiological hazard) 5 educational institutions, HoReCa, commercial facilities

## 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: 13 November 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%

