

# RQ 160 LED PLUS P 2900LM 840 IP44/20 I CL. AW3H PRM (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	571428
<b>Ingress protection:</b>	IP44/20
<b>Nominal power [W]:</b>	21
<b>Rated power of the luminaire [W]*:</b>	22
<b>Luminous flux [lm]*:</b>	2900
<b>Colour temperature [K]:</b>	4000
<b>Color rendering index (Ra) &gt;:</b>	80
<b>Energy efficiency class:</b>	D
<b>Material of the body:</b>	ABS
<b>Colour of the body:</b>	white

## CHARACTERISTICS

RQ 160 LED PLUS P AW 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.

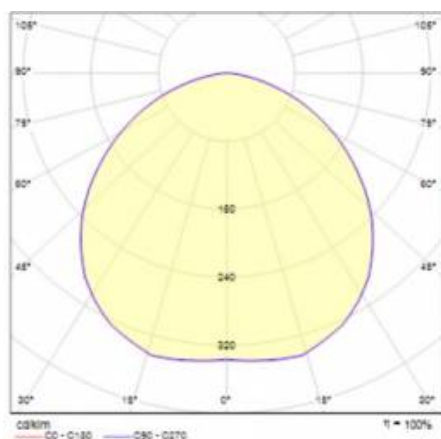
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## TECHNICAL PARAMETERS TABLE

Index:	571428	Colour of the body:	white
EAN:	5905963571428	Dimensions (H/W/T/S) [mm]:	162/70
Nominal power [W]:	21	Mounting dimensions [mm]:	ø150
Rated power of the luminaire [W]:	22	Impact resistance:	IK08
Supply voltage [V]:	220 - 240	Ingress protection:	IP44/20
Frequency [Hz]:	50 - 60	Mounting version:	recessed
Luminous flux [lm]:	2900	Working temperature [°C]:	od -20 do +35
Emergency luminous flux [lm]*:	180	Emergency lighting [h]:	3
Luminous efficacy [lm/W]:	132	Number on the palette [pcs]:	180
Energy efficiency class:	D	Net weight [kg]:	0.800
Electrical protection class:	I	Category type:	dual-function luminaires
Colour temperature [K]:	4000	Operating mode:	network-emergency
Color rendering index (Ra) >:	80	UGR (4H8H):	<28
SDCM:	3	LED lifespan L70B50 [h]:	150000
Power factor:	0.99	LED lifespan L80B10 [h]:	100000
Charging time [h:min]:	24	LED lifespan L90B10 [h]:	50000
Battery life [h:min]:	3	Light distribution type:	lambertian
Beam angle [°]:	115	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Battery:	Ni-Mh	Technical Warranty:	2 / 0.5 (battery)
Battery capacity [mAh]:	2100	CE certificate:	<a href="#">322/2023</a>
Diffuser material:	PC	CNBOP certificate:	<a href="#">5152/2023</a>
Diffuser type:	PRM	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



# RQ 160 LED PLUS P 2900LM 840 IP44/20 I CL. AW3H PRM (21W)

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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: 26 May 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: 322/2023