

RQ N 1900LM 850 IP44 I KL. RCR AW 3H AT OPAL WHITE 18W

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	1900
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Energy efficiency class:	F
Electrical protection class:	I
Beam angle [°]:	120
Impact resistance:	IK10
Dimensions (H/W/T/S) [mm]:	340/115

CHARACTERISTICS

A surface-mounted circular LED plafond with integrated energy-efficient LED panel, designed from the ground up. The luminaire introduces new solutions to improve light distribution and temperature balance. It is characterised by its high luminous efficacy and very high IP44 tightness. Its base and ring are made of UV-resistant plastic. The specially profiled impact-resistant PC diffuser maintains the plafond's highest IK10 impact resistance. It uses a number of tried and tested solutions that have an impact on the speed and ease of installation (diffuser hanging system, readiness for through-wiring) and component safety: diffuser integrated with LED panel. The ceiling ring is designed to mask the gap between the luminaire and the surface on which it is mounted. The accessory can be used in prison cells.

The PLUS version of the luminaire line is equipped with branded components from recognised global manufacturers. It is characterised by an extended service life and guarantee, increased luminous efficacy and optimal use of electricity (Power Factor).

This plafond is offered in a version:

- with RCR sensor - sensor used to detect movement; uses microwaves for detection (active sensor),
- with DALI control,
- with CORRIDOR corridor function (RCR+DALI),
- with ANTIVANDAL protection.

APPLICATION

The surface-mounted luminaire for ceiling or wall mounting is intended for indoor (utility rooms, staircases, passageways) and outdoor use (façade lighting). It is recommended for use in public areas.

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TECHNICAL PARAMETERS TABLE

Index:	574351	Ring material:	ABS
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	340/115
Rated power of the luminaire [W]:	18	Mounting dimensions [mm]:	140
Luminous flux [lm]:	1900	Impact resistance:	IK10
Emergency luminous flux [lm]*:	175	Ingress protection:	IP44
Supply voltage [V]:	220-240	Mounting version:	surface
Frequency [Hz]:	50-60	Working temperature [°C]:	from 0 to +25
Luminous efficacy [lm/W]:	90	Motion sensor:	yes
Energy efficiency class:	F	Emergency lighting [h]:	3
Electrical protection class:	I	Operating mode:	network-emergency
Colour temperature [K]:	5000	Autotest:	yes
Color rendering index (Ra) >:	80	Dimensions of single box [mm]:	340/340/115
SDCM:	3	Number on the palette [pcs]:	80
Beam angle [°]:	120	Net weight [kg]:	1.380
Light distribution type:	open space	Technical Warranty:	2 / 0.5 (battery)
Diffuser material:	PC	CE certificate:	12/2024
Diffuser type:	OPAL	CNBOP certificate:	5152/2023
Diffuser colour:	white	Manual:	Download PDF
Material of the body:	ABS	Plik LDT:	Download
Colour of the body:	white		

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ACCESSORIES AVAILABLE

index	Name
120DL118	Ceiling ring Dione LED steel 1.5 white matt RAL 9003 painted vandal resistant



Ceiling ring Dione LED steel 1.5 white
matt RAL 9003 painted vandal
resistant (120DL118)

Card creation date: 25 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%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 12/2024