RQ N LED IOT BT RCR HYT 1750LM 830 IP44 I CL. DALI AW 3H AT OPAL WHITE 18W CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

Index:	574429
Ingress protection:	IP44
Impact resistance:	IK10
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	1750
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	F
Material of the body:	ABS

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.

IoT characteristics

IoT BT RCR HYT DALI: **Bluetooth HYT** module controlled in the Lena Lighting Clue app, **RCR** motion and light sensor, **DALI** driver enabling dimming of the light source.

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:	574429
Light source:	LED module
Rated power of the luminaire [W]:	18
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous flux [lm]:	1750
Luminous efficacy [lm/W]:	84
Energy efficiency class:	F
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.94
Charging time [h:min]:	48
Battery life [h:min]:	3
Max load (RCR) [W]:	400
Beam angle [°]:	120
Battery:	NiMh
Battery capacity [mAh]:	2100
Diffuser material:	PC
Diffuser type:	OPAL
Diffuser colour:	white
Optics material:	PC
Material of the body:	ABS
Colour of the body:	white
Ring material:	ABS
Ring colour:	white

Dimensions (H/W/T/S) [mm]:	340/115
Mounting dimensions [mm]:	140
Impact resistance:	IK10
Ingress protection:	IP44
Mounting version:	surface
Working temperature [°C]:	from 0 to +25
Corridor function:	yes
Motion sensor:	yes
Emergency lighting [h]:	3
DIMM DALI:	yes
Dimensions of single box [mm]:	340/340/115
Number on the palette [pcs]:	80
Net weight [kg]:	1.450
Category type:	bulkheads
Version:	BT RCR HYT DALI
Autotest:	yes
AC voltage range [V]:	220 - 240
DC voltage range [V]:	196 - 280
LED lifespan L70B50 [h]:	110000
LED lifespan L80B10 [h]:	84000
LED lifespan L90B10 [h]:	33000
Light distribution type:	open space
Warranty [years]:	2
CE certificate:	12/2024
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

Card creation date: 26 August 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 12/2024

LENA LIGHTING

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