

# RQ N LED IOT BT RCR HYT 1450LM 850 IP44 I CL. DALI AW 3H AT OPAL WHITE 13W CORRIDOR

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	574146
Ingress protection:	IP44
Impact resistance:	IK10
Rated power of the luminaire [W]*:	13
Luminous flux [lm]*:	1450
Colour temperature [K]:	5000
Colour rendering index:	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:	574146	Dimensions (H/W/T/S) [mm]:	340/115
Light source:	LED module	Mounting dimensions [mm]:	140
Rated power of the luminaire [W]:	13	Impact resistance:	IK10
Supply voltage [V]:	220-240	Ingress protection:	IP44
Luminous flux [lm]:	1450	Mounting version:	surface
Luminous efficacy [lm/W]:	89	Working temperature [°C]:	from 0 to +25
Energy efficiency class:	F	Corridor function:	yes
Electrical protection class:	I	Motion sensor:	yes
Colour temperature [K]:	5000	Emergency lighting [h]:	3
Colour rendering index:	80	DIMM DALI:	yes
SDCM:	≤ 3	Dimensions of single box [mm]:	340/340/115
Power factor:	0.94	Number on the palette [pcs]:	80
Charging time [h:min]:	48	Net weight [kg]:	1.420
Battery life [h:min]:	3	Gross weight [kg]:	1.600
Max load (RCR) [W]:	400	Warranty [years]:	2
Beam angle [°]:	120	CE certificate:	<a href="#">12/2024</a>
Battery:	NiMh	Category type:	bulkheads
Battery capacity [mAh]:	2100	Version:	BT RCR HYT DALI
Diffuser material:	PC	Autotest:	yes
Diffuser type:	OPAL	AC voltage range [V]:	220-240
Diffuser colour:	white	DC voltage range [V]:	176-276
Optics material:	PC	LED lifespan L70B50 [h]:	>54000
Material of the body:	ABS	LED lifespan L80B20 [h]:	>54000
Colour of the body:	white	LED lifespan L90B10 [h]:	>33000
Ring material:	ABS	Light distribution type:	open space
Ring colour:	white	Manual:	<a href="#">Download PDF</a>