

RQ N LED IOT BT RCR HYT 2550LM 840 IP44 I CL. DALI AW 3H AT OPAL WHITE 22W CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

Index:	574580
Ingress protection:	IP44
Impact resistance:	IK10
Rated power of the luminaire [W]*:	22
Luminous flux [lm]*:	2550
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Energy efficiency class:	E
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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Index:	574580	Dimensions (H/W/T/S) [mm]:	340/115
Light source:	LED module	Mounting dimensions [mm]:	140
Rated power of the luminaire [W]:	22	Impact resistance:	IK10
Supply voltage [V]:	220-240	Ingress protection:	IP44
Frequency [Hz]:	50-60	Mounting version:	surface
Luminous flux [lm]:	2550	Working temperature [°C]:	from 0 to +25
Luminous efficacy [lm/W]:	106	Corridor function:	yes
Energy efficiency class:	E	Motion sensor:	yes
Electrical protection class:	I	Emergency lighting [h]:	3
Colour temperature [K]:	4000	DIMM DALI:	yes
Colour rendering index:	80	Dimensions of single box [mm]:	340/340/115
SDCM:	≤ 3	Number on the palette [pcs]:	80
Power factor:	0.94	Net weight [kg]:	1.420
Charging time [h:min]:	48	Gross weight [kg]:	1.600
Battery life [h:min]:	3	Warranty [years]:	2
Max load (RCR) [W]:	400	CE certificate:	12/2024
Beam angle [°]:	120	Category type:	bulkheads
Battery:	NiMh	Version:	BT RCR HYT DALI
Battery capacity [mAh]:	2100	Autotest:	yes
Diffuser material:	PC	AC voltage range [V]:	220 - 240
Diffuser type:	OPAL	DC voltage range [V]:	196 - 280
Diffuser colour:	white	LED lifespan L70B50 [h]:	110000
Optics material:	PC	LED lifespan L80B20 [h]:	84000
Material of the body:	ABS	LED lifespan L90B10 [h]:	33000
Colour of the body:	white	Light distribution type:	open space
Ring material:	ABS	Manual:	Download PDF
Ring colour:	white		