RQ N LED IOT BT RCR HYT 1900LM 840 IP44 I CL. DALI AW 3H AT OPAL WHITE 18W CORRIDOR

DETAILED CARD

TECHNICAL PARAMETERS

Index:	574436
Ingress protection:	IP44
Impact resistance:	IK10
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	1900
Colour temperature [K]:	4000
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:	574436	Ring colour:	white
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	340/115
Rated power of the luminaire [W]:	18	Mounting dimensions [mm]:	140
Supply voltage [V]:	220-240	Impact resistance:	IK10
Frequency [Hz]:	50-60	Ingress protection:	IP44
Luminous flux [lm]:	1900	Mounting version:	surface
Luminous efficacy [lm/W]:	90	Working temperature [°C]:	from 0 to +25
Energy efficiency class:	F	Corridor function:	yes
Electrical protection class:	I	Motion sensor:	yes
Colour temperature [K]:	4000	Emergency lighting [h]:	3
Color rendering index (Ra) >:	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]:	1.450
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

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