RQ N LED IOT BT RCR HYT 2550LM 850 IP44 I CL. DALI AW 3H AT OPAL WHITE 22W CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

Index:	574597
Ingress protection:	IP44
Impact resistance:	IK10
Rated power of the luminaire [W]*:	22
Luminous flux [lm]*:	2550
Colour temperature [K]:	5000
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	Е
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

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:	574597
Light source:	LED module
Rated power of the luminaire [W]:	22
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous flux [lm]:	2550
Luminous efficacy [lm/W]:	106
Energy efficiency class:	Е
Electrical protection class:	1
Colour temperature [K]:	5000
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

Mounting dimensions [mm]:140Impact resistance:IK10Ingress protection:IP44Mounting version:surfaceWorking temperature [°C]:from 0 to +25Corridor function:yesMotion sensor:yesEmergency lighting [h]:3DIMM DALI:yesDimensions of single box [mm]:340/340/115Number on the palette [pcs]:80Net weight [kg]:1.600Warranty [years]:2CE certificate:12/2024Category type:bulkheadsVersion:BT RCR HYT DALIAutotest:yesAC voltage range [V]:220 - 240DC voltage range [V]:196 - 280LED lifespan L70B50 [h]:110000LED lifespan L90B10 [h]:84000LED lifespan L90B10 [h]:33000Light distribution type:open spaceManual:Download PDF	Dimensions (H/W/T/S) [mm]:	340/115
Ingress protection: Mounting version: Working temperature [°C]: Corridor function: Motion sensor: Emergency lighting [h]: DIMM DALI: Dimensions of single box [mm]: Number on the palette [pcs]: Warranty [years]: CE certificate: Category type: Version: AC voltage range [V]: LED lifespan L70B50 [h]: Light distribution type: pyes grow ot 0 to +25 yes 340/340/115 3 1.420 1.600 1.6	Mounting dimensions [mm]:	140
Mounting version: Working temperature [°C]: Corridor function: Motion sensor: Emergency lighting [h]: DIMM DALI: Dimensions of single box [mm]: Number on the palette [pcs]: Warranty [kg]: Gross weight [kg]: CE certificate: Category type: Dulkheads Version: Autotest: AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: Light distribution type: pyes from 0 to +25 from 0 to +25 from 0 to +25 from 0 to +25 from 0 to +25 from 0 to +25	Impact resistance:	IK10
Working temperature [°C]: Corridor function: Motion sensor: Emergency lighting [h]: DIMM DALI: Dimensions of single box [mm]: Number on the palette [pcs]: Net weight [kg]: Gross weight [kg]: CE certificate: Category type: Dulkheads Version: Autotest: AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: Light distribution type: pyes yes 340/340/115 80 1.420 80 1.420 1.600 2 2 Category type: bulkheads BT RCR HYT DALI yes 4C voltage range [V]: 196 - 280 LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Light distribution type: open space	Ingress protection:	IP44
Corridor function: Motion sensor: Emergency lighting [h]: DIMM DALI: Dimensions of single box [mm]: Number on the palette [pcs]: Net weight [kg]: Gross weight [kg]: CE certificate: Category type: bulkheads Version: Autotest: AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: Light distribution type: yes yes 340/340/115 80 1.420 1.600 2 2 Category bulkheads BT RCR HYT DALI yes 4C voltage range [V]: 196 - 280 LED lifespan L80B20 [h]: 84000 LED lifespan L90B10 [h]: Light distribution type: open space	Mounting version:	surface
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]: 1.420 Gross weight [kg]: 1.600 Warranty [years]: 2 CE certificate: 12/2024 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 L80B20 [h]: 84000 LED lifespan L90B10 [h]: 33000 Light distribution type: open space	Working temperature [°C]:	from 0 to +25
Emergency lighting [h]: DIMM DALI: yes Dimensions of single box [mm]: Number on the palette [pcs]: Net weight [kg]: Gross weight [kg]: Lector etificate: Category type: Version: Autotest: AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: Light distribution type: yes 340/340/115 80 1.420 1.600 2 2 2 2 2 2 2 2 2 2 2 2	Corridor function:	yes
DIMM DALI: yes Dimensions of single box [mm]: 340/340/115 Number on the palette [pcs]: 80 Net weight [kg]: 1.420 Gross weight [kg]: 1.600 Warranty [years]: 2 CE certificate: 12/2024 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 L80B20 [h]: 84000 LED lifespan L90B10 [h]: 33000 Light distribution type: open space	Motion sensor:	yes
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Warranty [years]: 2 CE certificate: 12/2024 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 L80B20 [h]: 84000 LED lifespan L90B10 [h]: 33000 Light distribution type: open space	Net weight [kg]:	1.420
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Manual: <u>Download PDF</u>	Light distribution type:	open space
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