

RQ N LED IOT BT RCR HYT 1900LM 850 IP44 I CL. DALI AW 3H AT OPAL WHITE 18W CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|------------------------------------|--------|
| Index: | 574443 |
| Ingress protection: | IP44 |
| Impact resistance: | IK10 |
| Rated power of the luminaire [W]*: | 18 |
| Luminous flux [lm]*: | 1900 |
| 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: | 574443 | 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]: | 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]: | 1.450 |
| 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 |