

RQ N LED IOT BT RCR HYT 1750LM 830 IP44 I CL. DALI AW 3H AT OPAL WHITE 18W CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|--------|
| Index: | 574429 |
| Ingress protection: | IP44 |
| Impact resistance: | IK10 |
| Rated power of the luminaire [W]*: | 18 |
| Luminous flux [lm]*: | 1750 |
| Colour temperature [K]: | 3000 |
| 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

| | | | |
|-----------------------------------|------------|--------------------------------|------------------------------|
| Rated power of the luminaire [W]: | 18 | Ring colour: | white |
| Index: | 574429 | Dimensions (H/W/T/S) [mm]: | 340/115 |
| Light source: | LED module | Mounting dimensions [mm]: | 140 |
| Colour temperature [K]: | 3000 | Impact resistance: | IK10 |
| Luminous flux [lm]: | 1750 | Ingress protection: | IP44 |
| Supply voltage [V]: | 220-240 | Mounting version: | surface |
| Frequency [Hz]: | 50-60 | Working temperature [°C]: | from 0 to +25 |
| Luminous efficacy [lm/W]: | 84 | Corridor function: | yes |
| Energy efficiency class: | F | Motion sensor: | yes |
| Electrical protection class: | I | Emergency lighting [h]: | 3 |
| Colour rendering index: | >80 | DIMM DALI: | yes |
| SDCM: | ≤ 3 | Autotest: | yes |
| Power factor: | 0.94 | Dimensions of single box [mm]: | 340/340/115 |
| Charging time [h:min]: | 48 | Number on the palette [pcs]: | 80 |
| Battery life [h:min]: | 3 | Net weight [kg]: | 1.450 |
| Max load (RCR) [W]: | 400 | Warranty [years]: | 2 |
| Beam angle [°]: | 120 | CE certificate: | 12/2024 |
| Battery: | NiMh | Category type: | bulkheads |
| Battery capacity [mAh]: | 2100 | Version: | BT RCR HYT DALI |
| 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 |

Card creation date: 10 January 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 12/2024