# 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 |
| **Color rendering index (Ra) >:** | 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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## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 574580 | **Mounting dimensions [mm]:** | 140 |
| **Light source:** | LED module | **Impact resistance:** | IK10 |
| **Rated power of the luminaire [W]:** | 22 | **Ingress protection:** | IP44 |
| **Supply voltage [V]:** | 220-240 | **Mounting version:** | surface |
| **Frequency [Hz]:** | 50-60 | **Working temperature [°C]:** | from 0 to +25 |
| **Luminous flux [lm]:** | 2550 | **Corridor function:** | yes |
| **Luminous efficacy [lm/W]:** | 106 | **Motion sensor:** | yes |
| **Energy efficiency class:** | E | **Emergency lighting [h]:** | 3 |
| **Electrical protection class:** | I | **DIMM DALI:** | yes |
| **Colour temperature [K]:** | 4000 | **Dimensions of single box [mm]:** | 340/340/115 |
| **Color rendering index (Ra) >:** | 80 | **Number on the palette [pcs]:** | 80 |
| **SDCM:** | 3 | **Net weight [kg]:** | 1.420 |
| **Power factor:** | 0.94 | **Gross weight [kg]:** | 1.600 |
| **Charging time [h:min]:** | 48 | **Category type:** | bulkheads |
| **Battery life [h:min]:** | 3 | **Version:** | BT RCR HYT DALI |
| **Max load (RCR) [W]:** | 400 | **Autotest:** | yes |
| **Beam angle [°]:** | 120 | **AC voltage range [V]:** | 220 - 240 |
| **Battery:** | NiMh | **DC voltage range [V]:** | 196 - 280 |
| **Battery capacity [mAh]:** | 2100 | **LED lifespan L70B50 [h]:** | 110000 |
| **Diffuser material:** | PC | **LED lifespan L80B10 [h]:** | 84000 |
| **Diffuser type:** | OPAL | **LED lifespan L90B10 [h]:** | 33000 |
| **Diffuser colour:** | white | **Light distribution type:** | open space |
| **Optics material:** | PC | **Warranty [years]:** | 2 |
| **Material of the body:** | ABS | **CE certificate:** | 12/2024 |
| **Colour of the body:** | white | **Environmental Product Declaration (EPD):** | 944/2026 |
| **Ring material:** | ABS | **Manual:** | Download PDF |
| **Ring colour:** | white | **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Dimensions (H/W/T/S) [mm]:** | 340/115 | | |

Card creation date: 26 August 2026

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 12/2024

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