

# RQ N 1900LM 850 IP44 I KL. RCR AW 3H AT OPAL WHITE 18W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |            |
|---|------------|
| <b>Light source:</b>                      | LED module |
| <b>Rated power of the luminaire [W]*:</b> | 18         |
| <b>Luminous flux [lm]*:</b>               | 1900       |
| <b>Supply voltage [V]:</b>                | 220-240    |
| <b>Frequency [Hz]:</b>                    | 50-60      |
| <b>Energy efficiency class:</b>           | F          |
| <b>Electrical protection class:</b>       | I          |
| <b>Beam angle [°]:</b>                    | 120        |
| <b>Impact resistance:</b>                 | IK10       |
| <b>Dimensions (H/W/T/S) [mm]:</b>         | 340/115    |

## 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.

The PLUS version of the luminaire line is equipped with branded components from recognised global manufacturers. It is characterised by an extended service life and guarantee, increased luminous efficacy and optimal use of electricity (Power Factor).

This plafond is offered in a version:

- with RCR sensor - sensor used to detect movement; uses microwaves for detection (active sensor),
- with DALI control,
- with CORRIDOR corridor function (RCR+DALI),
- with ANTIVANDAL protection.

## 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:                            | 574351     | Ring material:                 | ABS                          |
| Light source:                     | LED module | Dimensions (H/W/T/S) [mm]:     | 340/115                      |
| Rated power of the luminaire [W]: | 18         | Mounting dimensions [mm]:      | 140                          |
| Luminous flux [lm]:               | 1900       | Impact resistance:             | IK10                         |
| Emergency luminous flux [lm]*:    | 175        | 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]:         | 90         | Motion sensor:                 | 1                            |
| Energy efficiency class:          | F          | Emergency lighting [h]:        | 3                            |
| Electrical protection class:      | I          | Autotest:                      | 1                            |
| Colour temperature [K]:           | 5000       | Dimensions of single box [mm]: | 340/340/115                  |
| Colour rendering index:           | >80        | Number on the palette [pcs]:   | 80                           |
| SDCM:                             | ≤ 3        | Net weight [kg]:               | 1.380                        |
| Beam angle [°]:                   | 120        | Technical Warranty:            | 2 / 0.5 (battery)            |
| Light distribution type:          | open space | CE certificate:                | <a href="#">12/2024</a>      |
| Diffuser material:                | PC         | CNBOP certificate:             | <a href="#">5152/2023</a>    |
| Diffuser type:                    | OPAL       | Manual:                        | <a href="#">Download PDF</a> |
| Diffuser colour:                  | white      |                                |                              |
| Material of the body:             | ABS        |                                |                              |
| Colour of the body:               | white      |                                |                              |

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## ACCESSORIES AVAILABLE

| index    | Name  |
|----------|---|
| 120DL118 | Ceiling ring Dione LED steel 1.5 white matt RAL 9003 painted vandal resistant |



Ceiling ring Dione LED steel 1.5 white  
matt RAL 9003 painted vandal  
resistant (120DL118)

Card creation date: 18 March 2024

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