

# RQ N LED ASYMMETRIC 2300LM 840 IP44 I KL. RCR AW 3H AT OPAL WHITE 21W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |            |
|---|------------|
| <b>Light source:</b>                                | LED module |
| <b>Rated power [W] - range:</b>                     | 21         |
| <b>Luminous flux of the luminaire [lm] - range:</b> | 2300       |
| <b>Energy efficiency class:</b>                     | E          |
| <b>Electrical protection class:</b>                 | I          |
| <b>Colour temperature [K]:</b>                      | 4000       |
| <b>Diffuser material:</b>                           | PC         |
| <b>Diffuser type:</b>                               | OPAL       |
| <b>Material of the body:</b>                        | ABS        |
| <b>Colour of the body:</b>                          | white      |

## CHARACTERISTICS

Designed from scratch, surface-mounted circular LED plafond with integrated energy-efficient LED panel distinguished by asymmetrical light distribution. The luminaire introduces new solutions to improve light distribution and temperature balance. It is characterized by high luminous efficiency and IP44 tightness. Its base and ring are made of UV-resistant plastic. A specially profiled diffuser made of impact-resistant PC allows the plafond to maintain the highest degree of impact resistance IK10. It uses a number of proven solutions that affect the speed and ease of installation (shade hanging system, readiness for through-wiring) and the safety of components: the diffuser integrated with the 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 luminaire line is equipped with brand-name components from world-renowned manufacturers. It is characterized by extended life and warranty, increased luminous efficiency and optimal use of electricity (Power Factor).

This plafond is offered in the version:

- with RCR sensor - a sensor used to detect motion; it uses microwaves for detection (active sensor),

## APPLICATION

Surface-mounted luminaire for ceiling or wall mounting is designed for indoor use (utility rooms, stairwells, passageways) and outdoor use (façade lighting). It is recommended for use in public areas.

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## TECHNICAL PARAMETERS TABLE

|  |            |                              |                              |
|--|------------|------------------------------|------------------------------|
| Index:                                       | 573033     | Diffuser colour:             | white                        |
| Light source:                                | LED module | Material of the body:        | ABS                          |
| Rated power [W] - range:                     | 21         | Colour of the body:          | white                        |
| Luminous flux of the luminaire [lm] - range: | 2300       | Ring material:               | ABS                          |
| Emergency luminous flux [lm]*:               | 155        | Ring colour:                 | white                        |
| Supply voltage [V]:                          | 220-240    | Dimensions (H/W/T/S) [mm]:   | 340/115                      |
| Frequency [Hz]:                              | 50-60      | Mounting dimensions [mm]:    | 140                          |
| Energy efficiency class:                     | E          | Impact resistance:           | IK10                         |
| Electrical protection class:                 | I          | Ingress protection:          | IP44                         |
| Colour temperature [K]:                      | 4000       | Mounting version:            | surface                      |
| Colour rendering index:                      | >80        | Working temperature [°C]:    | from 0 to +25                |
| SDCM:  | ≤ 3        | Diode PCB material:          | aluminium                    |
| LED lifespan L70B50 [h]:                     | 115000     | Motion sensor:               | 1                            |
| LED lifespan L80B20 [h]:                     | 75000      | Emergency lighting [h]:      | 3                            |
| LED lifespan L90B10 [h]:                     | 33000      | Autotest:                    | 1                            |
| Beam angle [°]:                              | 120        | Number on the palette [pcs]: | 80                           |
| Light distribution type:                     | asymmetric | Technical Warranty:          | 2 / 0.5 (battery)            |
| Surge protection [kV]:                       | 1          | CNBOP certificate:           | <a href="#">5152/2023</a>    |
| Permeability factor of the diffuser:         | 0.73       | CE certificate:              | <a href="#">15/2024</a>      |
| Diffuser material:                           | PC         | Manual:                      | <a href="#">Download PDF</a> |
| Diffuser type:                               | OPAL       |                              |                              |

## LIGHT CURVES



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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: 15/2024