

# RQ 160 LED PLUS P 2600LM 830 IP44/20 I CL. AW3H 75DEG (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                           |         |
|-------------------------------------------|---------|
| <b>Index:</b>                             | 571664  |
| <b>Ingress protection:</b>                | IP44/20 |
| <b>Rated power of the luminaire [W]*:</b> | 22      |
| <b>Luminous flux [lm]*:</b>               | 2600    |
| <b>Colour temperature [K]:</b>            | 3000    |
| <b>Colour rendering index:</b>            | >80     |
| <b>Energy efficiency class:</b>           | D       |
| <b>Material of the body:</b>              | ABS     |
| <b>Colour of the body:</b>                | white   |
| <b>Diffuser material:</b>                 | PC      |

## CHARACTERISTICS

RQ 160 LED PLUS P AW is a new line of round luminaires. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, therefore it is characterized by low weight. The diffuser provides excellent light transmission. The integrated LED module guarantees low power consumption and all the advantages of modern LED light sources.

## APPLICATION

Recessed-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

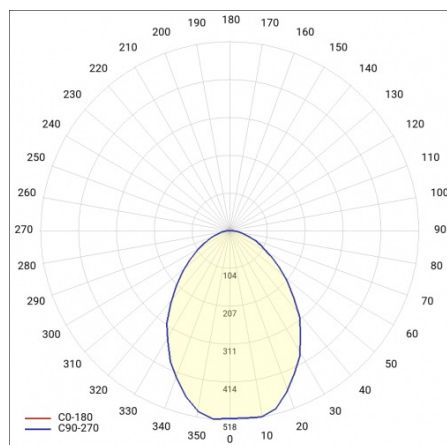
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |                                          |
|-----------------------------------|---------------|------------------------------|------------------------------------------|
| Index:                            | 571664        | Colour of the body:          | white                                    |
| Rated power of the luminaire [W]: | 22            | Dimensions (H/W/T/S) [mm]:   | 162/70                                   |
| EAN:                              | 5905963571664 | Mounting dimensions [mm]:    | ø150                                     |
| Colour temperature [K]:           | 3000          | Impact resistance:           | IK08                                     |
| Luminous flux [lm]:               | 2600          | Ingress protection:          | IP44/20                                  |
| Supply voltage [V]:               | 220 - 240     | Mounting version:            | recessed                                 |
| Emergency luminous flux [lm]*:    | 180           | Working temperature [°C]:    | -20 do +35                               |
| Diffuser type:                    | OPAL          | Emergency lighting [h]:      | 3                                        |
| Frequency [Hz]:                   | 50 - 60       | Number on the palette [pcs]: | 180                                      |
| Luminous efficacy [lm/W]:         | 118           | Net weight [kg]:             | 0.800                                    |
| Energy efficiency class:          | D             | Category type:               | downlights                               |
| Electrical protection class:      | I             | Operating mode:              | M                                        |
| Colour rendering index:           | >80           | UGR (4H8H):                  | <28                                      |
| SDCM:                             | ≤ 3           | LED lifespan L70B50 [h]:     | 132000                                   |
| Power factor:                     | 0.99          | LED lifespan L80B20 [h]:     | 84000                                    |
| Charging time [h:min]:            | 24            | LED lifespan L90B10 [h]:     | 42000                                    |
| Battery life [h:min]:             | 3             | Technical Warranty:          | 2 / 0.5 (battery)                        |
| Beam angle [°]:                   | 75            | CE certificate:              | <a href="#">322/2023</a>                 |
| Battery:                          | Ni-Mh         | CNBOP certificate:           | <a href="#">5152/2023</a>                |
| Battery capacity [mAh]:           | 2100          | Manual:                      | <a href="#">Download PDF</a>             |
| Diffuser material:                | PC            | Photobiological safety:      | RG0 - exempt (no photobiological hazard) |
| Optics:                           | lens          | Plik LDT:                    | <a href="#">Download</a>                 |
| Material of the body:             | ABS           |                              |                                          |

## LIGHT CURVES



Card creation date: 09 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. 322/2023



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