

# RQ 160 LED P 2900LM PRM 840 (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                              |         |
|------------------------------|---------|
| Index:                       | 570094  |
| Ingress protection:          | IP44/20 |
| Nominal power [W]:           | 21      |
| Luminous flux [lm]*:         | 2900    |
| Colour temperature [K]:      | 4000    |
| Electrical protection class: | I       |
| Energy efficiency class:     | D       |
| Material of the body:        | ABS     |
| Colour of the body:          | white   |
| Diffuser material:           | PC      |

## CHARACTERISTICS

RQ 160 LED P 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.

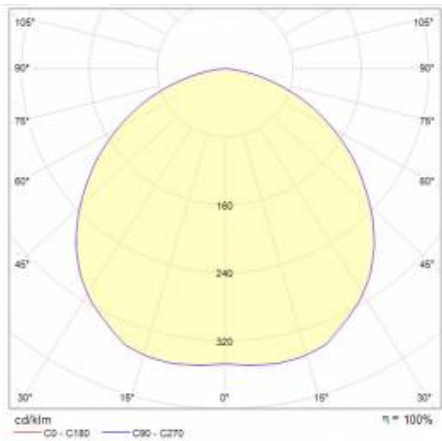
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## TECHNICAL PARAMETERS TABLE

|                                   |            |   |   |
|-----------------------------------|------------|---|---|
| Index:                            | 570094     | Mounting dimensions [mm]:                   | 150   |
| Light source:                     | LED module | Impact resistance:                          | IK08  |
| Nominal power [W]:                | 21         | Ingress protection:                         | IP44/20   |
| Rated power of the luminaire [W]: | 22         | Glow wire test [°C]:                        | 650   |
| Supply voltage [V]:               | 220 - 240  | Mounting version:                           | recessed  |
| Frequency [Hz]:                   | 50 - 60    | Working temperature [°C]:                   | from -20 to +35   |
| Luminous flux [lm]:               | 2900       | Number on the palette [pcs]:                | 420   |
| Luminous efficacy [lm/W]:         | 131        | Warranty [years]:                           | 5   |
| Energy efficiency class:          | D          | Flicker procent:                            | 67  |
| Electrical protection class:      | I          | Luminous flux of the luminaire 0 min [lm]*: | 2927  |
| Colour temperature [K]:           | 4000       | ITHD [%]:                                   | 16  |
| Colour rendering index:           | 80         | LED lifespan L70B50 [h]:                    | 132000  |
| SDCM:                             | ≤ 3        | LED lifespan L80B20 [h]:                    | 84000   |
| Power factor:                     | 0.99       | LED lifespan L90B10 [h]:                    | 42000   |
| Beam angle [°]:                   | 115        | Photobiological safety:                     | RG0 - exempt (no photobiological hazard)                |
| Diffuser material:                | PC         | Warranty [years]:                           | 5   |
| Diffuser type:                    | PRM        | Category of application:                    | educational institutions, HoReCa, commercial facilities |
| Material of the body:             | ABS        | Manual:                                     | <a href="#">Download PDF</a>                            |
| Colour of the body:               | white      | CE certificate:                             | <a href="#">318/2023</a>                                |
| Dimensions (H/W/T/S) [mm]:        | 162/70     | Plik LDT:                                   | <a href="#">Download</a>                                |

## 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: 318/2023



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