

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

DETAILED CARD



## TECHNICAL PARAMETERS

|                                     |         |
|-------------------------------------|---------|
| <b>Index:</b>                       | 570094  |
| <b>Ingress protection:</b>          | IP44/20 |
| <b>Nominal power [W]:</b>           | 21      |
| <b>Luminous flux [lm]*:</b>         | 2900    |
| <b>Colour temperature [K]:</b>      | 4000    |
| <b>Electrical protection class:</b> | I       |
| <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 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.

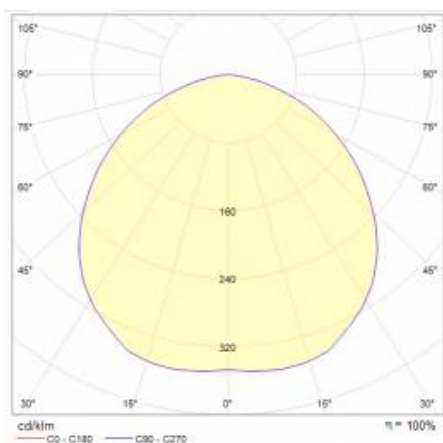
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## TECHNICAL PARAMETERS TABLE

|                                   |            |                                             |                                                         |
|-----------------------------------|------------|---------------------------------------------|---------------------------------------------------------|
| Index:                            | 570094     | Impact resistance:                          | IK08                                                    |
| Light source:                     | LED module | Ingress protection:                         | IP44/20                                                 |
| Nominal power [W]:                | 21         | Glow wire test [°C]:                        | 650                                                     |
| Rated power of the luminaire [W]: | 22         | Mounting version:                           | recessed                                                |
| Supply voltage [V]:               | 220 - 240  | Working temperature [°C]:                   | from -20 to +35                                         |
| Frequency [Hz]:                   | 50 - 60    | Number on the palette [pcs]:                | 420                                                     |
| Luminous flux [lm]:               | 2900       | Warranty [years]:                           | 5                                                       |
| Luminous efficacy [lm/W]:         | 131        | Flicker procent:                            | 67                                                      |
| Energy efficiency class:          | D          | Luminous flux of the luminaire 0 min [lm]*: | 2927                                                    |
| Electrical protection class:      | I          | ITHD [%]:                                   | 16                                                      |
| Colour temperature [K]:           | 4000       | LED lifespan L70B50 [h]:                    | 150000                                                  |
| Color rendering index (Ra) >:     | 80         | LED lifespan L80B10 [h]:                    | 100000                                                  |
| SDCM:                             | 3          | LED lifespan L90B10 [h]:                    | 50000                                                   |
| Power factor:                     | 0.99       | Photobiological safety:                     | RG0 - exempt (no photobiological hazard)                |
| Beam angle [°]:                   | 115        | Warranty [years]:                           | 5                                                       |
| Diffuser material:                | PC         | Category of application:                    | educational institutions, HoReCa, commercial facilities |
| Diffuser type:                    | PRM        | Manual:                                     | <a href="#">Download PDF</a>                            |
| Material of the body:             | ABS        | CE certificate:                             | <a href="#">318/2023</a>                                |
| Colour of the body:               | white      | PZH certificate:                            | <a href="#">B-BK-60112-0365/2022</a>                    |
| Dimensions (H/W/T/S) [mm]:        | 162/70     | ISO Certificates:                           | 9001:2015. 14001:2015. 45001:2018. 50001:2018           |
| Mounting dimensions [mm]:         | 150        | Plik LDT:                                   | <a href="#">Download</a>                                |

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

| index  | Name                                        |
|--------|---------------------------------------------|
| 897269 | Cover frame for RQ160 D205mm white RAL 9003 |



Cover frame for RQ160 D205mm white  
RAL 9003 (897269)

Card creation date: 10 February 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 318/2023