

# DIONE LED PLUS ASYMMETRIC 3200LM 840 IP65 I KL. RCR OPAL WHITE 32W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 952852 |
| <b>Nominal power [W]:</b>       | 32     |
| <b>Luminous flux [lm]*:</b>     | 3200   |
| <b>Colour temperature [K]:</b>  | 4000   |
| <b>SDCM:</b>                    | ≤ 3    |
| <b>Energy efficiency class:</b> | E      |
| <b>Material of the body:</b>    | ABS    |
| <b>Ring material:</b>           | ABS    |
| <b>Diffuser material:</b>       | PC     |
| <b>Diffuser type:</b>           | OPAL   |

## CHARACTERISTICS

Designed from scratch surface mounted, round LED luminaire with integrated, energy saving LED panel and asymmetrical light distribution. The fitting introduces new solutions to improve the light distribution and balance of the temperatures. It is characterized by high lighting efficiency and very high IP65 ingress protection. Specially profiled diffuser made of vandal-resistant PC allows to keep the highest degree of impact resistance IK10. It uses a number of proven solutions affecting the speed and ease of the assembly (suspension kit for the diffuser, readiness for through wiring) and component security: diffuser integrated with LED panel. Also available is a body made of ASA material, with excellent UV resistance, suitable for outdoor use. The ceiling ring is used to cover the gap between the luminaire and the surface on which it is mounted. The accessory can be used in prison cells. Luminaires of the PLUS variant line are fitted with branded components of recognized global manufacturers. It features extended life and warranty, increased light efficiency and optimal use of electricity (Power Factor).

## APPLICATION

Surface-mounted wall or ceiling luminaire intended for indoor use (utility rooms, staircases, circulation routes) or outdoor. It is also available in a version with an RF motion detector which is especially recommended for use in spaces open to the public.

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## TECHNICAL PARAMETERS TABLE

|                                   |            |                                      |   |
|-----------------------------------|------------|--------------------------------------|---|
| Index:                            | 952852     | Mounting dimensions [mm]:            | 140   |
| Light source:                     | LED module | Impact resistance:                   | IK10  |
| Nominal power [W]:                | 32         | Ingress protection:                  | IP65  |
| Rated power of the luminaire [W]: | 33         | Mounting version:                    | surface   |
| Supply voltage [V]:               | 220-240    | Working temperature [°C]:            | from -20 to +35   |
| Frequency [Hz]:                   | 50 - 60    | Motion sensor:                       | yes   |
| Luminous flux [lm]:               | 3200       | Dimensions of single box [mm]:       | 340/340/115   |
| Luminous efficacy [lm/W]:         | 97         | Net weight [kg]:                     | 1   |
| Energy efficiency class:          | E          | Warranty [years]:                    | 5   |
| Electrical protection class:      | I          | Permeability factor of the diffuser: | 0.80  |
| Colour temperature [K]:           | 4000       | Category type:                       | bulkheads   |
| Colour rendering index:           | >80        | Category of application:             | commercial facilities, educational institutions                             |
| SDCM:                             | ≤ 3        | AC voltage range [V]:                | 198 - 264   |
| Power factor:                     | 0.90       | DC voltage range [V]:                | 176 - 280   |
| Beam angle [°]:                   | 120        | LED lifespan L70B50 [h]:             | 115000  |
| Surge protection [kV]:            | 1          | LED lifespan L80B20 [h]:             | 75000   |
| Diffuser material:                | PC         | LED lifespan L90B10 [h]:             | 33000   |
| Diffuser type:                    | OPAL       | Light distribution type:             | asymmetric  |
| Diffuser colour:                  | white      | Photobiological safety:              | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Optics material:                  | ABS        | CE certificate:                      | <a href="#">380/2023</a>  |
| Material of the body:             | ABS        | Warranty [years]:                    | 5   |
| Colour of the body:               | white      | Manual:                              | <a href="#">Download PDF</a>  |
| Ring material:                    | ABS        | PZH certificate:                     | <a href="#">B-BK-60212-0619/20</a>  |
| Ring colour:                      | white      | ENEC Certificate:                    | <a href="#">PL BBJ/011/2021/M1/A1</a>                                       |
| Dimensions (H/W/T/S) [mm]:        | 340/115    |                                      |   |

## 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: 26 July 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: 380/2023