

# DIONE LED PLUS ASYMMETRIC DP 2300LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 21W

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |        |
|--------------------------|--------|
| Index:                   | 940163 |
| Nominal power [W]:       | 21     |
| Luminous flux [lm]*:     | 2300   |
| Colour temperature [K]:  | 4000   |
| SDCM:                    | ≤ 3    |
| Energy efficiency class: | E      |
| Material of the body:    | ABS    |
| Ring material:           | ABS    |
| Diffuser material:       | PC     |
| Diffuser type:           | 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.

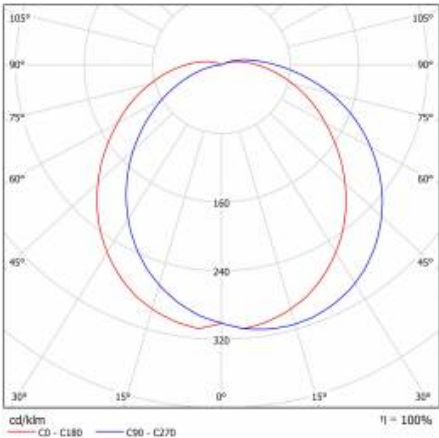
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## TECHNICAL PARAMETERS TABLE

|                                   |            |                                      |                                                                             |
|-----------------------------------|------------|--------------------------------------|-----------------------------------------------------------------------------|
| Nominal power [W]:                | 21         | Mounting version:                    | surface                                                                     |
| Index:                            | 940163     | Working temperature [°C]:            | from 0 to +25                                                               |
| Colour temperature [K]:           | 4000       | Motion sensor:                       | yes                                                                         |
| Luminous flux [lm]:               | 2300       | Emergency lighting [h]:              | 3                                                                           |
| Light source:                     | LED module | Version:                             | DP                                                                          |
| Diffuser type:                    | OPAL       | Dimensions of single box [mm]:       | 340/340/115                                                                 |
| Rated power of the luminaire [W]: | 22         | Net weight [kg]:                     | 1.300                                                                       |
| Supply voltage [V]:               | 220-240    | Warranty [years]:                    | 2 / 0.5 (bateria)                                                           |
| Frequency [Hz]:                   | 50 - 60    | Permeability factor of the diffuser: | 0.73                                                                        |
| Luminous efficacy [lm/W]:         | 105        | Category type:                       | bulkheads                                                                   |
| Energy efficiency class:          | E          | Category of application:             | commercial facilities, educational institutions                             |
| Electrical protection class:      | I          | AC voltage range [V]:                | 198-264                                                                     |
| Colour rendering index:           | >80        | DC voltage range [V]:                | 176-280                                                                     |
| SDCM:                             | ≤ 3        | LED lifespan L70B50 [h]:             | 115000                                                                      |
| Power factor:                     | 0.94       | LED lifespan L80B20 [h]:             | 75000                                                                       |
| Beam angle [°]:                   | 120        | LED lifespan L90B10 [h]:             | 33000                                                                       |
| Surge protection [kV]:            | 1          | Light distribution type:             | asymmetric                                                                  |
| Diffuser material:                | PC         | Photobiological safety:              | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Diffuser colour:                  | white      | CE certificate:                      | <a href="#">380/2023</a>                                                    |
| Material of the body:             | ABS        | Autotest:                            | yes                                                                         |
| Colour of the body:               | white      | Warranty [years]:                    | 2 / 0.5 (battery)                                                           |
| Ring material:                    | ABS        | Manual:                              | <a href="#">Download PDF</a>                                                |
| Ring colour:                      | white      | PZH certificate:                     | <a href="#">B-BK-60212-0619/20</a>                                          |
| Dimensions (H/W/T/S) [mm]:        | 340/115    | ENEC Certificate:                    |                                                                             |
| Mounting dimensions [mm]:         | 140        |                                      |                                                                             |
| Impact resistance:                | IK10       |                                      |                                                                             |
| Ingress protection:               | IP65       |                                      |                                                                             |

## LIGHT CURVES

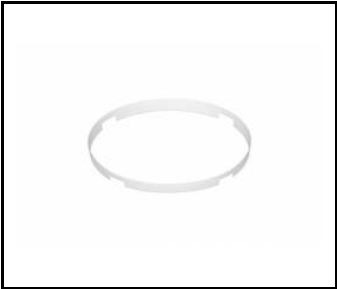


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## ACCESSORIES AVAILABLE

| 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:10 June 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 380/2023