

# DIONE LED PLUS 1450 LM 840 IP65 RCR OPAL WHITE 13W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |         |
|---------------------------------|---------|
| <b>Index:</b>                   | 950094. |
| <b>Ingress protection:</b>      | IP65    |
| <b>Impact resistance:</b>       | IK10    |
| <b>Nominal power [W]:</b>       | 13      |
| <b>Luminous flux [lm]*:</b>     | 1450    |
| <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     |

## CHARACTERISTICS

Designed from scratch surface mounted, round LED luminaire with integrated, energy-saving LED panel. 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 keeping 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. 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]:                | 13            | Ring material:                       | ABS   |
| Index:                            | 950094.       | Ring colour:                         | white   |
| Colour temperature [K]:           | 4000          | Dimensions (H/W/T/S) [mm]:           | ø340/115  |
| EAN:                              | 5905963950094 | Mounting dimensions [mm]:            | 140   |
| Luminous flux [lm]:               | 1450          | Impact resistance:                   | IK10  |
| Light source:                     | LED module    | Ingress protection:                  | IP65  |
| Diffuser type:                    | OPAL          | Mounting version:                    | surface   |
| Rated power of the luminaire [W]: | 16            | Working temperature [°C]:            | from -20 to +35   |
| Motion sensor:                    | yes           | Dimensions of single box [mm]:       | 340/340/115   |
| Supply voltage [V]:               | 220-240       | Net weight [kg]:                     | 1.180   |
| Frequency [Hz]:                   | 50 - 60       | Gross weight [kg]:                   | 1.360   |
| Luminous efficacy [lm/W]:         | 90            | Warranty [years]:                    | 5   |
| Energy efficiency class:          | E             | CE certificate:                      | <a href="#">44/2022</a>   |
| Electrical protection class:      | I             | Permeability factor of the diffuser: | 0.73  |
| Colour rendering index:           | >80           | Category type:                       | bulkheads   |
| SDCM:                             | ≤ 3           | Category of application:             | HoReCa, commercial facilities, educational institutions                     |
| Power factor:                     | 0.90          | Luminaire rated power $O_{min}$ [W]: | 16.10   |
| Max load (RCR) [W]:               | 400           | AC voltage range [V]:                | 220 - 240   |
| Beam angle [°]:                   | 120           | DC voltage range [V]:                | 160 - 256   |
| Diffuser material:                | PC            | LED lifespan L70B50 [h]:             | 54000   |
| Diffuser colour:                  | white         | LED lifespan L80B20 [h]:             | 54000   |
| Material of the body:             | ABS           | LED lifespan L90B10 [h]:             | 33000   |
| Colour of the body:               | white         | Light distribution type:             | open space  |
|                                   |               | Photobiological safety:              | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
|                                   |               | Manual:                              | <a href="#">Download PDF</a>  |
|                                   |               | PZH certificate:                     | B-BK-60212-0619/20  |

# DIONE LED PLUS 1450 LM 840 IP65 RCR OPAL WHITE 13W

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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: 04 October 2023

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: 44/2022