# DIONE LED PLUS EVO 1600LM 840 IP65 II CL. OPAL WHITE 12W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 191640 |
| **Ingress protection:** | IP65 |
| **Impact resistance:** | IK10 |
| **Nominal power [W]:** | 12 |
| **Luminous flux [lm]*:** | 1600 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | D |
| **Material of the body:** | ABS |
| **Ring material:** | 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.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).
The fitting is offered in RCR version:
- sensor used to detect motion; for detection uses microwaves (active sensor).

## 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:** | 191640 |
| **EAN:** | 5905963191640 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 12 |
| **Rated power of the luminaire [W]:** | 12 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 1600 |
| **Luminous efficacy [lm/W]:** | 133 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.95 |
| **Beam angle [°]:** | 120 |
| **Diffuser material:** | PC |
| **Diffuser type:** | OPAL |
| **Diffuser colour:** | white |
| **Material of the body:** | ABS |
| **Colour of the body:** | white |
| **Ring material:** | ABS |
| **Ring colour:** | white |

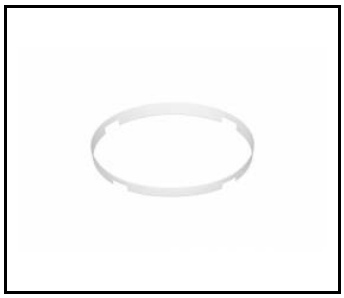
| | |
|---|---|
| **Dimensions (H/W/T/S) [mm]:** | ø340/115 |
| **Mounting dimensions [mm]:** | 140 |
| **Impact resistance:** | IK10 |
| **Ingress protection:** | IP65 |
| **Mounting version:** | surface |
| **Working temperature [°C]:** | from -20 to +35 |
| **Dimensions of single box [mm]:** | 340 |
| **Net weight [kg]:** | 1.180 |
| **Gross weight [kg]:** | 1.360 |
| **Category type:** | bulkheads |
| **AC voltage range [V]:** | 220 - 240 |
| **LED lifespan L70B50 [h]:** | 118000 |
| **LED lifespan L80B10 [h]:** | 75000 |
| **LED lifespan L90B10 [h]:** | 36000 |
| **Light distribution type:** | open space |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 94/2025 |
| **ENEC Certificate:** | |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

# DIONE LED PLUS EVO 1600LM 840 IP65 II CL. OPAL WHITE 12W

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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: 30 July 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: 94/2025

LENA LIGHTING

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