

# DIONE LED PLUS IOT 2700LM 830 IP65 I CL. RCR MASTER-SLAVE OPAL WHITE 25W

DETAILED CARD



## TECHNICAL PARAMETERS

|                              |         |
|------------------------------|---------|
| Nominal power [W]:           | 25      |
| Luminous flux [lm]*:         | 2700    |
| Supply voltage [V]:          | 220-240 |
| Frequency [Hz]:              | 50-60   |
| Luminous efficacy [lm/W]:    | 94      |
| Energy efficiency class:     | E       |
| Electrical protection class: | I       |
| Colour temperature [K]:      | 3000    |
| Beam angle [°]:              | 120     |

## 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). 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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|                                      |            |                                |                              |
|--------------------------------------|------------|--------------------------------|------------------------------|
| Index:                               | 943607     | Diffuser material:             | PC                           |
| Light source:                        | LED module | Diffuser type:                 | OPAL                         |
| Nominal power [W]:                   | 25         | Diffuser colour:               | white                        |
| Luminous flux [lm]:                  | 2700       | Material of the body:          | ABS                          |
| Supply voltage [V]:                  | 220-240    | Colour of the body:            | white                        |
| Frequency [Hz]:                      | 50-60      | Ring material:                 | ABS                          |
| Luminous efficacy [lm/W]:            | 94         | Ring colour:                   | white                        |
| Energy efficiency class:             | E          | Dimensions (H/W/T/S) [mm]:     | 340/115                      |
| Electrical protection class:         | I          | Mounting dimensions [mm]:      | 140                          |
| Colour temperature [K]:              | 3000       | Impact resistance:             | IK10                         |
| Colour rendering index:              | >80        | Ingress protection:            | IP65                         |
| SDCM:                                | ≤ 3        | Mounting version:              | surface                      |
| Power factor:                        | 0.95       | Working temperature [°C]:      | from -20 to +35              |
| ITHD [%]:                            | 20         | Diode PCB material:            | aluminium                    |
| Flicker procent:                     | 10         | Dimensions of single box [mm]: | 340/340/115                  |
| LED lifespan L70B50 [h]:             | 130000     | Number on the palette [pcs]:   | 80                           |
| LED lifespan L80B20 [h]:             | 80000      | Net weight [kg]:               | 1                            |
| LED lifespan L90B10 [h]:             | 35000      | Warranty [years]:              | 5                            |
| Beam angle [°]:                      | 120        | Category type:                 | bulkheads                    |
| Light distribution type:             | open space | CE certificate:                | <a href="#">444/2023</a>     |
| Surge protection [kV]:               | 1          | Version:                       | RCR RF                       |
| Permeability factor of the diffuser: | 0.73       | Manual:                        | <a href="#">Download PDF</a> |