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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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	943607
Light source:	LED module
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
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.95
ITHD [%]:	20
Flicker procent:	10
LED lifespan L70B50 [h]:	130000
LED lifespan L80B10 [h]:	80000
LED lifespan L90B10 [h]:	35000
Beam angle [°]:	120
Light distribution type:	open space
Surge protection [kV]:	1
Permeability factor of the diffuser:	0.73
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]:	340/115
Mounting dimensions [mm]:	140
Impact resistance:	IK10
Ingress protection:	IP65
Mounting version:	surface
Working temperature [°C]:	from -20 to +35
Diode PCB material:	aluminium
Dimensions of single box [mm]:	340/340/115
Number on the palette [pcs]:	80
Net weight [kg]:	1
Warranty [years]:	5
Category type:	bulkheads
CE certificate:	444/2023
Version:	RCR RF
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

Card creation date: 07 May 2026

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: 444/2023

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