

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 type:	OPAL
Light source:	LED module	Diffuser colour:	white
Nominal power [W]:	25	Material of the body:	ABS
Luminous flux [lm]:	2700	Colour of the body:	white
Supply voltage [V]:	220-240	Ring material:	ABS
Frequency [Hz]:	50-60	Ring colour:	white
Luminous efficacy [lm/W]:	94	Dimensions (H/W/T/S) [mm]:	340/115
Energy efficiency class:	E	Mounting dimensions [mm]:	140
Electrical protection class:	I	Impact resistance:	IK10
Colour temperature [K]:	3000	Ingress protection:	IP65
Color rendering index (Ra) >:	80	Mounting version:	surface
SDCM:	3	Working temperature [°C]:	from -20 to +35
Power factor:	0.95	Diode PCB material:	aluminium
ITHD [%]:	20	Dimensions of single box [mm]:	340/340/115
Flicker procent:	10	Number on the palette [pcs]:	80
LED lifespan L70B50 [h]:	130000	Net weight [kg]:	1
LED lifespan L80B10 [h]:	80000	Warranty [years]:	5
LED lifespan L90B10 [h]:	35000	Category type:	bulkheads
Beam angle [°]:	120	CE certificate:	444/2023
Light distribution type:	open space	Version:	RCR RF
Surge protection [kV]:	1	Environmental Product Declaration (EPD):	944/2026
Permeability factor of the diffuser:	0.73	Manual:	Download PDF
Diffuser material:	PC	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

Card creation date: 28 April 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 444/2023