

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:	444/2023
Surge protection [kV]:	1	Version:	RCR RF
Permeability factor of the diffuser:	0.73	Manual:	Download PDF