

# DIONE LED 1800 LM 840 IP65 RCR OPAL WHITE 18W

BULKHEADS

LED

LED |  | IP65 | IK10

## TECHNICAL PARAMETERS

Index:	950032
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	18
Luminous flux [lm]*:	1800
Colour temperature [K]:	4000
SDCM:	≤ 5
Energy efficiency class:	A
Material of the body:	ABS
Ring material:	ABS

\*Tolerance +/- 10%

## CHARACTERISTICS

Designed from scratch surface mounted, round LED luminaire with integrated, energy saving LED GO! 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. Its base and ring are made of UV-resistant material. Specially profiled diffuser made of vandal-resistant PC allows to keep 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 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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Light source:	LED module	Working temperature [°C]:	from -20 to +25
Nominal power [W]:	18	Motion sensor:	yes
Rated power of the luminaire [W]:	23.20	Dimensions of single box [mm]:	340/340/115
Frequency [Hz]:	50 - 60	Net weight of the luminaire [kg]:	1.100
Luminous flux [lm]:	1800	Gross weight of the luminaire [kg]:	1.280
Luminous efficacy [lm/W]:	77.58	Permeability factor of the diffuser:	0.73
Energy efficiency class:	A	Index:	950032
Electrical protection class:	I	EAN:	5905963950032
Colour temperature [K]:	4000	Category type:	bulkheads
Colour rendering index:	>80	AC voltage range [V]:	230
SDCM:	≤ 5	Light distribution type:	open space
Power factor:	0.90	CE certificate:	16/2020
Beam angle [°]:	120	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	LED lifespan L70B50 [h]:	110000
Diffuser type:	OPAL	LED lifespan L80B20 [h]:	80000
Diffuser colour:	white	LED lifespan L90B10 [h]:	40000
Material of the body:	ABS		
Colour of the body:	white		
Ring material:	ABS		
Ring colour:	white		
Dimensions [mm]:	ø340/115		
Mounting dimensions [mm]:	140		
Impact resistance:	IK10		
Ingress protection:	IP65		
Mounting version:	surface		

\*Tolerance+/- 10%

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.

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The luminaire complies with the EU ROHS Directive 2011/65/UE



This product is a subject to electric and electronic waste equipment regulations (WEEE).



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