

# DIONE LED 1800LM 840 IP65 I KL. RCR OPAL WHITE ANTYWANDAL 18W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	940514/E
Ingress protection:	IP65
Impact resistance:	IK10
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	1800
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	E
Material of the body:	PP
Ring material:	ABS

## 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. Its base and ring are made of UV-resistant material. 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. The fitting is offered in RCR version:  
- sensor is 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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### TECHNICAL PARAMETERS TABLE

Index:	940514/E	Dimensions (H/W/T/S) [mm]:	ø340/115
Rated power of the luminaire [W]:	18	Impact resistance:	IK10
Colour temperature [K]:	4000	Ingress protection:	IP65
Light source:	LED module	Mounting version:	surface
Luminous flux [lm]:	1800	Motion sensor:	yes
Nominal power [W]:	16	Working temperature [°C]:	from -20 to +35
Diffuser type:	OPAL	Dimensions of single box [mm]:	338/113/338
Frequency [Hz]:	50-60	Vandalproof:	yes
Luminous efficacy [lm/W]:	97	Number on the palette [pcs]:	80
Energy efficiency class:	E	Net weight [kg]:	1.100
Electrical protection class:	I	Category type:	bulkheads
Colour rendering index:	>80	Light distribution type:	symmetric
SDCM:	≤ 3	LED lifespan L70B50 [h]:	102000
Power factor:	0.94	LED lifespan L80B20 [h]:	65000
Diffuser material:	PC	LED lifespan L90B10 [h]:	31000
Diffuser colour:	white	Warranty [years]:	5
Material of the body:	PP	CE certificate:	<a href="#">382/2023</a>
Colour of the body:	white	PZH certificate:	
Ring material:	ABS	Manual:	<a href="#">Download PDF</a>
Ring colour:	white		

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## ACCESSORIES AVAILABLE

index	Name
120DL118	Ceiling ring Dione LED steel 1.5 white matt RAL 9003 painted vandal resistant



Ceiling ring Dione LED steel 1.5 white  
matt RAL 9003 painted vandal  
resistant (120DL118)

Card creation date: 26 January 2022

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: 382/2023