

# DIONE LED PLUS ASYMMETRIC 2300LM 840 IP65 I KL. RCR OPAL WHITE 21W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	952838
Nominal power [W]:	21
Luminous flux [lm]*:	2300
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	E
Material of the body:	ABS
Ring material:	ABS
Diffuser material:	PC
Diffuser type:	OPAL

## CHARACTERISTICS

Designed from scratch surface mounted, round LED luminaire with integrated, energy saving LED panel and asymmetrical light distribution. 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 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. Also available is a body made of ASA material, with excellent UV resistance, suitable for outdoor use. 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).

## 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:	952838	Mounting dimensions [mm]:	140
Light source:	LED module	Impact resistance:	IK10
Nominal power [W]:	21	Ingress protection:	IP65
Rated power of the luminaire [W]:	22	Mounting version:	surface
Supply voltage [V]:	220-240	Working temperature [°C]:	from -20 to +35
Frequency [Hz]:	50 - 60	Motion sensor:	yes
Luminous flux [lm]:	2300	Dimensions of single box [mm]:	340/340/115
Luminous efficacy [lm/W]:	105	Net weight [kg]:	1
Energy efficiency class:	E	Warranty [years]:	5
Electrical protection class:	I	Permeability factor of the diffuser:	0.81
Colour temperature [K]:	4000	Category type:	bulkheads
Colour rendering index:	80	Category of application:	educational institutions, commercial facilities
SDCM:	≤ 3	AC voltage range [V]:	198 - 264
Power factor:	0.94	DC voltage range [V]:	176 - 280
Beam angle [°]:	120	LED lifespan L70B50 [h]:	115000
Surge protection [kV]:	1	LED lifespan L80B20 [h]:	75000
Diffuser material:	PC	LED lifespan L90B10 [h]:	33000
Diffuser type:	OPAL	Light distribution type:	asymmetric
Diffuser colour:	white	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Optics material:	ABS	CE certificate:	<a href="#">380/2023</a>
Material of the body:	ABS	Warranty [years]:	5
Colour of the body:	white	Manual:	<a href="#">Download PDF</a>
Ring material:	ABS	PZH certificate:	<a href="#">B-BK-60212-0619/20</a>
Ring colour:	white	ENEC Certificate:	<a href="#">PL BBJ/011/2021/M1/A1</a>
Dimensions (H/W/T/S) [mm]:	340/115	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



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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)