

DIONE LED PLUS ASYMMETRIC P 2300LM 840 IP65 I KL. AW 3H AT OPAL WHITE 21W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	940057
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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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	21	Mounting version:	surface
Index:	940057	Working temperature [°C]:	from 0 to +25
Colour temperature [K]:	4000	Emergency lighting [h]:	3
Luminous flux [lm]:	2300	Dimensions of single box [mm]:	340/340/115
Light source:	LED module	Net weight [kg]:	1.250
Diffuser type:	OPAL	Warranty [years]:	2 / 0.5 (bateria)
Rated power of the luminaire [W]:	22	Permeability factor of the diffuser:	0.73
Supply voltage [V]:	220-240	Category type:	bulkheads
Frequency [Hz]:	50 - 60	Category of application:	commercial facilities, educational institutions
Luminous efficacy [lm/W]:	105	AC voltage range [V]:	198-264
Energy efficiency class:	E	DC voltage range [V]:	176-280
Electrical protection class:	I	LED lifespan L70B50 [h]:	115000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	75000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	33000
Power factor:	0.94	Light distribution type:	asymmetric
Beam angle [°]:	120	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Surge protection [kV]:	1	CE certificate:	380/2023
Diffuser material:	PC	Autotest:	yes
Diffuser colour:	white	Warranty [years]:	2 / 0.5 (battery)
Material of the body:	ABS	Manual:	Download PDF
Colour of the body:	white	PZH certificate:	B-BK-60212-0619/20
Ring material:	ABS	ENEC Certificate:	
Ring colour:	white		
Dimensions (H/W/T/S) [mm]:	340/115		
Mounting dimensions [mm]:	140		
Impact resistance:	IK10		
Ingress protection:	IP65		

LIGHT CURVES



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DETAILED CARD

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: 10 January 2025

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: 380/2023