

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	940163
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

Index:	940163	Ingress protection:	IP65
Light source:	LED module	Mounting version:	surface
Nominal power [W]:	21	Working temperature [°C]:	from 0 to +25
Rated power of the luminaire [W]:	22	Motion sensor:	yes
Supply voltage [V]:	220-240	Dimensions of single box [mm]:	340/340/115
Frequency [Hz]:	50 - 60	Net weight [kg]:	1.300
Luminous flux [lm]:	2300	Warranty [years]:	2 / 0.5 (bateria)
Luminous efficacy [lm/W]:	105	Permeability factor of the diffuser:	0.73
Energy efficiency class:	E	Category type:	bulkheads
Electrical protection class:	I	Category of application:	educational institutions, commercial facilities
Colour temperature [K]:	4000	Version:	DP
Colour rendering index:	80	AC voltage range [V]:	198-264
SDCM:	≤ 3	DC voltage range [V]:	176-280
Power factor:	0.94	LED lifespan L70B50 [h]:	115000
Beam angle [°]:	120	LED lifespan L80B20 [h]:	75000
Surge protection [kV]:	1	LED lifespan L90B10 [h]:	33000
Diffuser material:	PC	Light distribution type:	asymmetric
Diffuser type:	OPAL	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser colour:	white	CE certificate:	380/2023
Material of the body:	ABS	Emergency lighting [h]:	3
Colour of the body:	white	Autotest:	yes
Ring material:	ABS	Warranty [years]:	2 / 0.5 (battery)
Ring colour:	white	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	340/115	PZH certificate:	B-BK-60212-0619/20
Mounting dimensions [mm]:	140	ENEC Certificate:	
Impact resistance:	IK10		

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)

Card creation date:10 June 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 380/2023



Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl