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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	940644
Nominal power [W]:	21
Luminous flux [lm]*:	2300
Colour temperature [K]:	4000
SDCM:	3
Energy efficiency class:	E
Material of the body:	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. 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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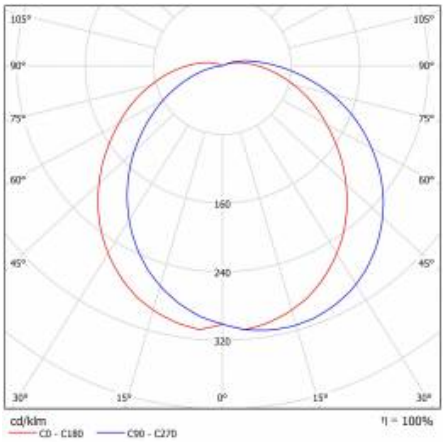
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	940644
Light source:	LED module
Nominal power [W]:	21
Rated power of the luminaire [W]:	22
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2300
Luminous efficacy [lm/W]:	105
Energy efficiency class:	E
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.94
Beam angle [°]:	120
Surge protection [kV]:	1
Diffuser material:	PC
Diffuser type:	OPAL
Diffuser colour:	white
Optics material:	ABS
Material of the body:	ABS
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	340/115

Impact resistance:	IK10
Ingress protection:	IP65
Working temperature [°C]:	from -20 to +35
Dimensions of single box [mm]:	340/340/115
Net weight [kg]:	43831
Warranty [years]:	5
Permeability factor of the diffuser:	0.73
Category type:	bulkheads
Category of application:	educational institutions, commercial facilities
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
LED lifespan L70B50 [h]:	115000
LED lifespan L80B10 [h]:	75000
LED lifespan L90B10 [h]:	33000
Light distribution type:	asymmetric
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
CE certificate:	380/2023
Vandalproof:	yes
Warranty [years]:	5
ENEC Certificate:	PL BBJ/011/2021/M1/A1
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES

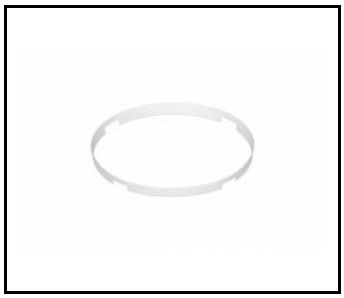


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ACCESSORIES AVAILABLE

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: 07 May 2026

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

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