

DIONE LED PLUS 1900LM 840 IP65 I KL. OPAL WHITE

VANDALPROOF 18W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	940606
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	18
Luminous flux [lm]*:	1900
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	F
Material of the body:	ABS
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. 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. 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).

The fitting is offered in RCR version:

- sensor 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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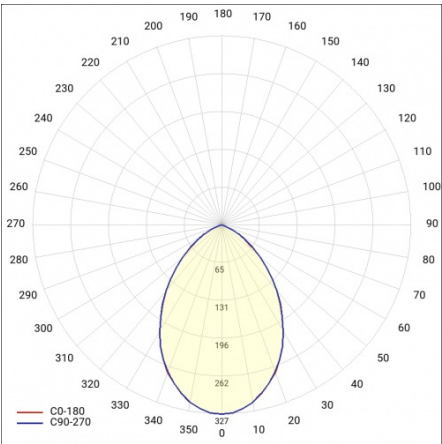
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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	18	Dimensions of single box [mm]:	340/340/115
Light source:	LED module	Net weight [kg]:	43466
Colour temperature [K]:	4000	Warranty [years]:	5
Luminous flux [lm]:	1900	Permeability factor of the diffuser:	0.73
Rated power of the luminaire [W]:	21.40	Index:	940606
Supply voltage [V]:	220-240	EAN:	952517
Frequency [Hz]:	50 - 60	Category type:	bulkheads
Luminous efficacy [lm/W]:	90	AC voltage range [V]:	220-240
Energy efficiency class:	F	DC voltage range [V]:	198-264
Electrical protection class:	I	LED lifespan L70B50 [h]:	110000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	84000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	33000
Power factor:	0.94	Light distribution type:	open space
Beam angle [°]:	120	CE certificate:	377/2023
Diffuser material:	PC	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser type:	OPAL	Optics material:	ABS
Diffuser colour:	white	Vandalproof:	yes
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:	PL BBJ/011/2021
Ring colour:	white	Plik LDT:	Download
Dimensions (H/W/T/S) [mm]:	ø340/115		
Impact resistance:	IK10		
Ingress protection:	IP65		
Working temperature [°C]:	from -20 to +35		

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 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 377/2023



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