

# DIONE LED PLUS 1450LM 840 IP65 I KL. OPAL WHITE

## VANDALPROOF 13W

DETAILED CARD



### TECHNICAL PARAMETERS

<b>Index:</b>	940569
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK10
<b>Nominal power [W]:</b>	13
<b>Luminous flux [lm]*:</b>	1450
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	ABS
<b>Ring material:</b>	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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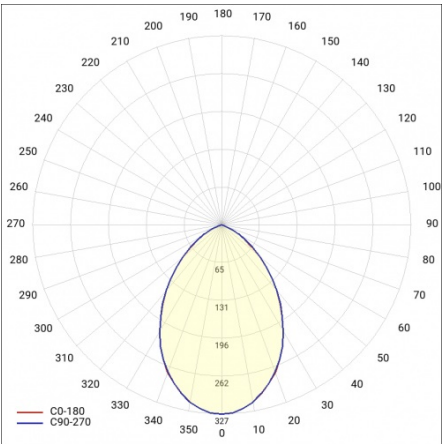
## VANDALPROOF 13W

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### TECHNICAL PARAMETERS TABLE

Nominal power [W]:	13	Dimensions of single box [mm]:	340/340/115
Light source:	LED module	Net weight [kg]:	1.125
Colour temperature [K]:	4000	Gross weight [kg]:	1.305
Luminous flux [lm]:	1450	Warranty [years]:	5
Rated power of the luminaire [W]:	16	Permeability factor of the diffuser:	0.73
Supply voltage [V]:	220-240	Index:	940569
Frequency [Hz]:	50 - 60	EAN:	950056
Luminous efficacy [lm/W]:	95	Category type:	bulkheads
Energy efficiency class:	F	AC voltage range [V]:	220-240
Electrical protection class:	I	DC voltage range [V]:	160-256
Colour rendering index:	>80	LED lifespan L70B50 [h]:	54000
SDCM:	≤ 3	LED lifespan L80B20 [h]:	54000
Power factor:	0.94	LED lifespan L90B10 [h]:	33000
Beam angle [°]:	120	Light distribution type:	open space
Diffuser material:	PC	CE certificate:	<a href="#">377/2023</a>
Diffuser type:	OPAL	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser colour:	white	Optics material:	ABS
Material of the body:	ABS	Vandalproof:	yes
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</a>
Dimensions (H/W/T/S) [mm]:	ø340/115	Plik LDT:	<a href="#">Download</a>
Impact resistance:	IK10		
Ingress protection:	IP65		
Working temperature [°C]:	od -20 do +35		

### LIGHT CURVES

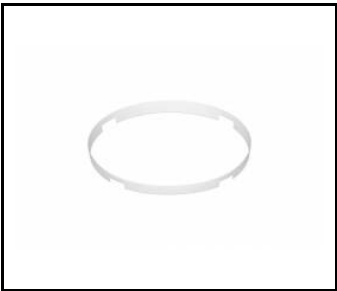


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## ACCESSORIES AVAILABLE

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