

# DIONE LED PLUS 1450 LM 840 IP65 DALI OPAL WHITE 13W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	950070.
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	13
Luminous flux [lm]*:	1450
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	E
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. 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:	950070.	Mounting dimensions [mm]:	140
EAN:	5905963950070	Impact resistance:	IK10
Light source:	LED module	Ingress protection:	IP65
Nominal power [W]:	13	Mounting version:	surface
Rated power of the luminaire [W]:	16	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220-240	DIMM DALI:	yes
Frequency [Hz]:	50 - 60	Dimensions of single box [mm]:	340/340/115
Luminous flux [lm]:	1450	Net weight [kg]:	1.240
Luminous efficacy [lm/W]:	90	Gross weight [kg]:	1.420
Energy efficiency class:	E	Warranty [years]:	5
Electrical protection class:	I	CE certificate:	<a href="#">44/2022</a>
Colour temperature [K]:	4000	Permeability factor of the diffuser:	0.73
Colour rendering index:	80	Category type:	bulkheads
SDCM:	≤ 3	Category of application:	educational institutions, HoReCa, commercial facilities
Power factor:	0.94	Luminaire rated power 0min [W]:	16.10
Beam angle [°]:	120	AC voltage range [V]:	220 - 240
Diffuser material:	PC	DC voltage range [V]:	176 - 276
Diffuser type:	OPAL	LED lifespan L70B50 [h]:	54000
Diffuser colour:	white	LED lifespan L80B20 [h]:	54000
Material of the body:	ABS	LED lifespan L90B10 [h]:	33000
Colour of the body:	white	Light distribution type:	open space
Ring material:	ABS	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Ring colour:	white	Manual:	<a href="#">Download PDF</a>
Dimensions (H/W/T/S) [mm]:	ø340/115	PZH certificate:	B-BK-60212-0619/20

# DIONE LED PLUS 1450 LM 840 IP65 DALI OPAL WHITE 13W

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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: 04 October 2023

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: 44/2022