DIONE LED PLUS 2550 LM 840 IP65 DALI OPAL WHITE 22W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	950391
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	22
Luminous flux [lm]*:	2550
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.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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TECHNICAL PARAMETERS TABLE

Light source:	LED module	**Ingress protection:**	IP65
Nominal power [W]:	22	**Mounting version:**	surface
Rated power of the luminaire [W]:	24	**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]:	2550	**Net weight [kg]:**	1.240
Luminous efficacy [lm/W]:	106	**Gross weight [kg]:**	1.420
Energy efficiency class:	E	**Warranty [years]:**	5
Electrical protection class:	I	**Permeability factor of the diffuser:**	0.73
Colour temperature [K]:	4000	**Index:**	950391
Colour rendering index:	>80	**EAN:**	5905963950391
SDCM:	≤ 3	**Category type:**	bulkheads
Power factor:	0.94	**AC voltage range [V]:**	220 - 240
Beam angle [°]:	120	**DC voltage range [V]:**	196 - 280
Diffuser material:	PC	**LED lifespan L70B50 [h]:**	110000
Diffuser type:	OPAL	**LED lifespan L80B20 [h]:**	84000
Diffuser colour:	white	**LED lifespan L90B10 [h]:**	33000
Material of the body:	ABS	**Light distribution type:**	open space
Colour of the body:	white	**CE certificate:**	377/2023
Ring material:	ABS	**Photobiological safety:**	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Ring colour:	white		
Dimensions (H/W/T/S) [mm]:	ø340/115	**Manual:**	Download PDF
Mounting dimensions [mm]:	140	**PZH certificate:**	B-BK-60212-0619/20
Impact resistance:	IK10	**ENEC Certificate:**	PL BBJ/011/2021

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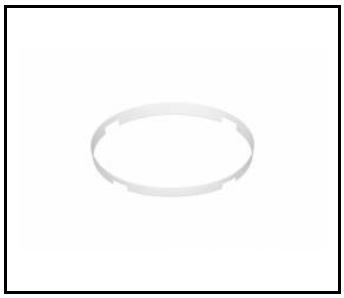
DETAILED CARD

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: 12 April 2024

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

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