

DIONE LED 1800 LM 840 IP65 OPAL WHITE 18W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	950025
Ingress protection:	IP65
Impact resistance:	IK10
Rated power of the luminaire [W]*:	22
Luminous flux [lm]*:	1800
Colour temperature [K]:	4000
SDCM:	≤ 5
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. Its base and ring are made of UV-resistant material. 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. The fitting is offered in RCR version:
- sensor is 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

Index:	950025	Ring colour:	white
EAN:	5905963950025	Dimensions (H/W/T/S) [mm]:	ø340/115
Light source:	LED module	Mounting dimensions [mm]:	140
Nominal power [W]:	18	Impact resistance:	IK10
Rated power of the luminaire [W]:	22	Ingress protection:	IP65
Frequency [Hz]:	50 - 60	Mounting version:	surface
Luminous flux [lm]:	1800	Working temperature [°C]:	from -20 to +25
Luminous efficacy [lm/W]:	82	Dimensions of single box [mm]:	340/340/115
Energy efficiency class:	F	Number on the palette [pcs]:	80
Electrical protection class:	I	Net weight [kg]:	1.500
Colour temperature [K]:	4000	Permeability factor of the diffuser:	0.73
Colour rendering index:	>80	Category type:	bulkheads
SDCM:	≤ 5	Light distribution type:	open space
Power factor:	0.98	LED lifespan L70B50 [h]:	110000
Beam angle [°]:	120	LED lifespan L80B20 [h]:	80000
Diffuser material:	PC	LED lifespan L90B10 [h]:	40000
Diffuser type:	OPAL	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser colour:	white	Warranty [years]:	5
Material of the body:	ABS	CE certificate:	20/2022
Colour of the body:	white	PZH certificate:	B-BK-60212-0619/20
Ring material:	ABS	Manual:	Download PDF

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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: 26 July 2021
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: 20/2022