

DIONE LED PLUS ASYMMETRIC 2300LM 840 IP65 I KL. OPAL WHITE VANDALPROOF 21W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	940644
Nominal power [W]:	21
Luminous flux [lm]*:	2300
Colour temperature [K]:	4000
SDCM:	3
Energy efficiency class:	E
Material of the body:	ABS
Diffuser material:	PC
Diffuser type:	OPAL

CHARACTERISTICS

Designed from scratch surface mounted, round LED luminaire with integrated, energy saving LED panel and asymmetrical light distribution. 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 to keep 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.

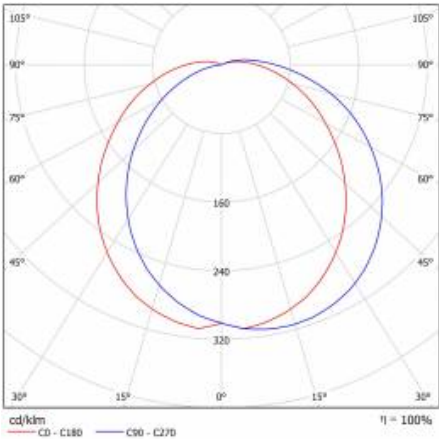
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Index:	940644	Impact resistance:	IK10
Light source:	LED module	Ingress protection:	IP65
Nominal power [W]:	21	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	22	Dimensions of single box [mm]:	340/340/115
Supply voltage [V]:	220-240	Net weight [kg]:	43831
Frequency [Hz]:	50 - 60	Warranty [years]:	5
Luminous flux [lm]:	2300	Permeability factor of the diffuser:	0.73
Luminous efficacy [lm/W]:	105	Category type:	bulkheads
Energy efficiency class:	E	Category of application:	educational institutions, commercial facilities
Electrical protection class:	I	AC voltage range [V]:	198-264
Colour temperature [K]:	4000	DC voltage range [V]:	176-280
Color rendering index (Ra) >:	80	LED lifespan L70B50 [h]:	115000
SDCM:	3	LED lifespan L80B10 [h]:	75000
Power factor:	0.94	LED lifespan L90B10 [h]:	33000
Beam angle [°]:	120	Light distribution type:	asymmetric
Surge protection [kV]:	1	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	CE certificate:	380/2023
Diffuser type:	OPAL	Vandalproof:	yes
Diffuser colour:	white	Warranty [years]:	5
Optics material:	ABS	ENEC Certificate:	PL BBJ/011/2021/M1/A1
Material of the body:	ABS	Environmental Product Declaration (EPD):	944/2026
Colour of the body:	white	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	340/115	Plik LDT:	Download

LIGHT CURVES

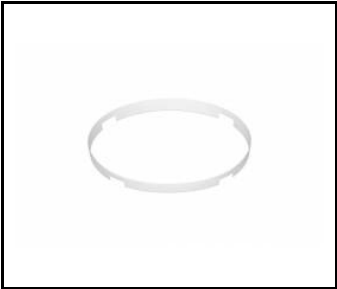


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ACCESSORIES AVAILABLE

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: 07 May 2026

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: 380/2023