

DIONE LED PLUS ASYMMETRIC DP 2300-3200LM 840 IP65 I KL. RCR OPAL WHITE MULTI LED

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W] - range:	21/27/32
Colour temperature [K]:	4000
Luminous flux of the luminaire [lm] - range:	2300/2800/3200
SDCM:	≤ 3
Energy efficiency class:	E
Material of the body:	ABS
Ring material:	ABS
Diffuser material:	PC

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 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). The MULTI luminaire version allows individual configuration: thanks to the built-in micoswitch, it is possible to choose one of three settings (nominal power of the fitting [W] / luminous flux of the fitting [lm]).

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:	952388	Mounting dimensions [mm]:	140
Light source:	LED module	Impact resistance:	IK10
Supply voltage [V]:	220-240	Ingress protection:	IP65
Frequency [Hz]:	50 - 60	Mounting version:	surface
Energy efficiency class:	E	Working temperature [°C]:	from -20 to +35
Electrical protection class:	I	Motion sensor:	yes
Nominal power [W] - range:	21/27/32	Dimensions of single box [mm]:	340/340/115
Colour temperature [K]:	4000	Net weight of the luminaire [kg]:	1.150
Luminous flux of the luminaire [lm] - range:	2300/2800/3200	Warranty [years]:	5
Colour rendering index:	>80	Permeability factor of the diffuser:	0.73
SDCM:	≤ 3	Category type:	bulkheads
Power factor:	0.93	Category of application:	commercial facilities, educational institutions
Beam angle [°]:	120	AC voltage range [V]:	198-264
Surge protection [kV]:	1	LED lifespan L70B50 [h]:	115000
Diffuser material:	PC	LED lifespan L80B20 [h]:	75000
Diffuser type:	OPAL	LED lifespan L90B10 [h]:	33000
Diffuser colour:	white	Version:	DP painted diffuser
Material of the body:	ABS	Light distribution type:	asymmetric
Colour of the body:	white	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Ring material:	ABS	Manual:	Download PDF
Ring colour:	white	CE certificate:	381/2023
Dimensions (H/W/T/S) [mm]:	340/115	PZH certificate:	B-BK-60212-0619/20

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: 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: 381/2023