

DIONE LED PLUS EVO 2400LM 830 IP65 II CL. RCR OPAL WHITE 20W (H)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	191749
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	20
Luminous flux [lm]*:	2400
Colour temperature [K]:	3000
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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Index:	191749	Dimensions (H/W/T/S) [mm]:	Ø340/115
EAN:	5905963191749	Mounting dimensions [mm]:	140
Light source:	LED module	Impact resistance:	IK10
Nominal power [W]:	20	Ingress protection:	IP65
Rated power of the luminaire [W]:	20	Mounting version:	surface
Supply voltage [V]:	220 - 240	Working temperature [°C]:	from -20 to +35
Frequency [Hz]:	50-60	Motion sensor:	yes
Luminous flux [lm]:	2400	Dimensions of single box [mm]:	340
Luminous efficacy [lm/W]:	120	Net weight [kg]:	1.180
Energy efficiency class:	E	Gross weight [kg]:	1.360
Electrical protection class:	II	Category type:	bulkheads
Colour temperature [K]:	3000	AC voltage range [V]:	220 - 240
Color rendering index (Ra) >:	80	LED lifespan L70B50 [h]:	118000
SDCM:	3	LED lifespan L80B20 [h]:	75000
Power factor:	0.95	LED lifespan L90B10 [h]:	36000
Beam angle [°]:	120	Light distribution type:	open space
Diffuser material:	PC	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser type:	OPAL	Warranty [years]:	5
Diffuser colour:	white	CE certificate:	94/2025
Material of the body:	ABS	ENEC Certificate:	
Colour of the body:	white	Manual:	Download PDF
Ring material:	ABS	Plik LDT:	Download
Ring colour:	white		

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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: 30 July 2025

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: 94/2025