

DIONE LED PLUS EVO 2400LM 830 IP65 II CL. OPAL WHITE 20W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	191664
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:	191664	Dimensions (H/W/T/S) [mm]:	ø340/115
EAN:	5905963191664	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	Dimensions of single box [mm]:	340
Luminous flux [lm]:	2400	Net weight [kg]:	1.180
Luminous efficacy [lm/W]:	120	Gross weight [kg]:	1.360
Energy efficiency class:	E	Category type:	bulkheads
Electrical protection class:	II	AC voltage range [V]:	220 - 240
Colour temperature [K]:	3000	LED lifespan L70B50 [h]:	118000
Color rendering index (Ra) >:	80	LED lifespan L80B10 [h]:	75000
SDCM:	3	LED lifespan L90B10 [h]:	36000
Power factor:	0.95	Light distribution type:	open space
Beam angle [°]:	120	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	Warranty [years]:	5
Diffuser type:	OPAL	CE certificate:	94/2025
Diffuser colour:	white	ENEC Certificate:	
Material of the body:	ABS	Environmental Product Declaration (EPD):	944/2026
Colour of the body:	white	Manual:	Download PDF
Ring material:	ABS	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Ring colour:	white	Plik LDT:	Download

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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: 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