

DIONE LED PLUS 1750LM 830 IP65 I KL. DALI RCR AW 3H AT OPAL WHITE 18W CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

Index:	950346
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	18
Luminous flux [lm]*:	1750
Colour temperature [K]:	3000
SDCM:	3
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. 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:	950346	Ingress protection:	IP65
Light source:	LED module	Mounting version:	surface
Nominal power [W]:	18	Working temperature [°C]:	from 0 to +25
Rated power of the luminaire [W]:	21.40	Corridor function:	yes
Supply voltage [V]:	220-240	Motion sensor:	yes
Frequency [Hz]:	50 - 60	Emergency lighting [h]:	3
Luminous flux [lm]:	1750	DIMM DALI:	yes
Luminous efficacy [lm/W]:	84	Dimensions of single box [mm]:	340/340/115
Energy efficiency class:	F	Net weight [kg]:	1.450
Electrical protection class:	I	Permeability factor of the diffuser:	0.73
Colour temperature [K]:	3000	Category type:	bulkheads
Color rendering index (Ra) >:	80	Autotest:	yes
SDCM:	3	AC voltage range [V]:	220 - 240
Power factor:	0.94	DC voltage range [V]:	196 - 280
Charging time [h:min]:	48	LED lifespan L70B50 [h]:	110000
Battery life [h:min]:	3	LED lifespan L80B10 [h]:	84000
Max load (RCR) [W]:	400	LED lifespan L90B10 [h]:	33000
Beam angle [°]:	120	Light distribution type:	open space
Diffuser material:	PC	Optics material:	PC
Diffuser type:	OPAL	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser colour:	white	Warranty [years]:	2 / 0.5 (bateria)
Material of the body:	ABS	CE certificate:	377/2023
Colour of the body:	white	ENEC Certificate:	
Ring material:	ABS	Environmental Product Declaration (EPD):	944/2026
Ring colour:	white	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	ø340/115	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Mounting dimensions [mm]:	140	Plik LDT:	Download
Impact resistance:	IK10		

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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: 377/2023