

# DIONE LED PLUS 2550 LM 840 IP65 I KL. DALI RCR AW 3H AT OPAL WHITE 22W CORRIDOR

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	950513
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK10
<b>Nominal power [W]:</b>	22
<b>Luminous flux [lm]*:</b>	2550
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	ABS
<b>Ring material:</b>	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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## TECHNICAL PARAMETERS TABLE

Index:	950513	Ingress protection:	IP65
EAN:	5905963950513	Mounting version:	surface
Light source:	LED module	Working temperature [°C]:	from 0 to +25
Nominal power [W]:	22	Corridor function:	yes
Rated power of the luminaire [W]:	24	Motion sensor:	yes
Supply voltage [V]:	220-240	Emergency lighting [h]:	3
Frequency [Hz]:	50 - 60	DIMM DALI:	yes
Luminous flux [lm]:	2550	Dimensions of single box [mm]:	340/340/115
Luminous efficacy [lm/W]:	106	Net weight [kg]:	1.420
Energy efficiency class:	E	Gross weight [kg]:	1.600
Electrical protection class:	I	Permeability factor of the diffuser:	0.73
Colour temperature [K]:	4000	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:	<a href="#">377/2023</a>
Colour of the body:	white	ENEC Certificate:	
Ring material:	ABS	Environmental Product Declaration (EPD):	944/2026
Ring colour:	white	Manual:	<a href="#">Download PDF</a>
Dimensions (H/W/T/S) [mm]:	ø340/115	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Mounting dimensions [mm]:	140	Plik LDT:	<a href="#">Download</a>
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