

# DIONE LED PLUS MULTI 1650-2650LM 840 IP65 I KL. RCR OPAL WHITE 22W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK10
<b>Nominal power [W] - range:</b>	15/18/22/26
<b>Colour temperature [K]:</b>	4000
<b>Luminous flux of the luminaire [lm] - range:</b>	1650/2000/2320/2650
<b>SDCM:</b>	3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	ABS
<b>Ring material:</b>	ABS
<b>Diffuser material:</b>	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. 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 MULTI luminaire version allows individual configuration: thanks to the built-in microswitch, it is possible to choose one of 4 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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<b>Index:</b>	951848	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Nominal power [W] - range:</b>	15/18/22/26	<b>Dimensions of single box [mm]:</b>	340/340/115
<b>Luminous flux of the luminaire [lm] - range:</b>	1650/2000/2320/2650	<b>Number on the palette [pcs]:</b>	80
<b>Supply voltage [V]:</b>	220-240	<b>Permeability factor of the diffuser:</b>	0.73
<b>Frequency [Hz]:</b>	50 - 60	<b>Category type:</b>	bulkheads
<b>Luminous efficacy [lm/W]:</b>	107	<b>Category of application:</b>	educational institutions, commercial facilities
<b>Energy efficiency class:</b>	E	<b>LED lifespan L70B50 [h]:</b>	110000
<b>Electrical protection class:</b>	I	<b>LED lifespan L80B10 [h]:</b>	84000
<b>Colour temperature [K]:</b>	4000	<b>LED lifespan L90B10 [h]:</b>	33000
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Light distribution type:</b>	open space
<b>SDCM:</b>	3	<b>Light source:</b>	LED module
<b>Power factor:</b>	0.91	<b>Max load (RCR) [W]:</b>	400
<b>Beam angle [°]:</b>	120	<b>Surge protection [kV]:</b>	1
<b>Diffuser material:</b>	PC	<b>Mounting version:</b>	surface
<b>Diffuser type:</b>	OPAL	<b>Motion sensor:</b>	yes
<b>Diffuser colour:</b>	white	<b>Net weight [kg]:</b>	1.250
<b>Material of the body:</b>	ABS	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Colour of the body:</b>	white	<b>Warranty [years]:</b>	5
<b>Ring material:</b>	ABS	<b>CE certificate:</b>	<a href="#">379/2023</a>
<b>Ring colour:</b>	white	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Dimensions (H/W/T/S) [mm]:</b>	ø340/115	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Mounting dimensions [mm]:</b>	140	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Impact resistance:</b>	IK10	<b>Plik LDT:</b>	<a href="#">Download</a>
<b>Ingress protection:</b>	IP65		

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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: 379/2023