

DIONE LED PLUS MULTI 1650-2650LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 22W

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W] - range:	15/18/22/26
Colour temperature [K]:	4000
Luminous flux of the luminaire [lm] - range:	1650/2000/2320/2650
SDCM:	≤ 3
Energy efficiency class:	E
Material of the body:	ABS
Ring material:	ABS
Diffuser material:	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 micoswitch, 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.

DIONE LED PLUS MULTI 1650-2650LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 22W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	951886	Working temperature [°C]:	from 0 to +25
Nominal power [W] - range:	15/18/22/26	Dimensions of single box [mm]:	340/340/115
Luminous flux of the luminaire [lm] - range:	1650/2000/2320/2650	Number on the palette [pcs]:	80
Supply voltage [V]:	220-240	Permeability factor of the diffuser:	0.73
Frequency [Hz]:	50 - 60	Category type:	bulkheads
Luminous efficacy [lm/W]:	107	Category of application:	educational institutions, commercial facilities
Energy efficiency class:	E	LED lifespan L70B50 [h]:	110000
Electrical protection class:	I	LED lifespan L80B20 [h]:	84000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	33000
Colour rendering index:	80	Light distribution type:	open space
SDCM:	≤ 3	Light source:	LED module
Power factor:	0.91	Max load (RCR) [W]:	400
Beam angle [°]:	120	Surge protection [kV]:	1
Diffuser material:	PC	Mounting version:	surface
Diffuser type:	OPAL	Motion sensor:	yes
Diffuser colour:	white	Emergency lighting [h]:	3
Material of the body:	ABS	Net weight [kg]:	1.380
Colour of the body:	white	Autotest:	yes
Ring material:	ABS	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Ring colour:	white	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	ø340/115	CE certificate:	379/2023
Mounting dimensions [mm]:	140	PZH certificate:	B-BK-60212-0619/20
Impact resistance:	IK10	Manual:	Download PDF
Ingress protection:	IP65		

DIONE LED PLUS MULTI 1650-2650LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 22W

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:10 June 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 379/2023