DIONE LED PLUS ASYMMETRIC 2300-3200LM 840 IP65 I KL. RCR OPAL WHITE MULTI LED

DETAILED CARD





TECHNICAL PARAMETERS

Ingress protection: IP65

Impact resistance: IK10

Nominal power [W] - range: 21/27/32

Colour temperature [K]: 4000

Luminous flux of the luminaire [lm] -

range:

2300/2800/3200

SDCM: 3

Energy efficiency class:

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 three settings (nominal power of the fitting [W] / luminous flux of the fitting [Im]).

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 ASYMMETRIC 2300-3200LM 840 IP65 I KL. RCR OPAL WHITE MULTI LED

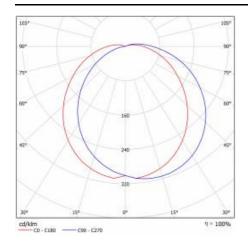
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index: 952142 Light source: LED module Supply voltage [V]: 220-240 Frequency [Hz]: 50 - 60 Energy efficiency class: E Electrical protection class: I Nominal power [W] - range: 21/27/32 Colour temperature [K]: 4000 Luminous flux of the luminaire [Im] - range: 2300/2800/3200 Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.93 Beam angle [°]: 120 Surge protection [kV]: 1 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: ABS Colour of the body: white Ring material: ABS Ring colour: white Dimensions (H/W/T/S) [mm]: 340/115		
Supply voltage [V]: Frequency [Hz]: Energy efficiency class: Electrical protection class: Nominal power [W] - range: Colour temperature [K]: Luminous flux of the luminaire [Im] - range: 2300/2800/3200 Color rendering index (Ra) >: 80 SDCM: Power factor: Beam angle [°]: 120 Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: Material of the body: King material: ABS Ring colour: White	Index:	952142
Frequency [Hz]: Energy efficiency class: Electrical protection class: Nominal power [W] - range: Colour temperature [K]: Luminous flux of the luminaire [Im] - range: 2300/2800/3200 Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 9.93 Beam angle [°]: 120 Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: Material of the body: ABS Colour of the body: Ring material: ABS Ring colour: white	Light source:	LED module
Energy efficiency class: Electrical protection class: Nominal power [W] - range: Colour temperature [K]: Luminous flux of the luminaire [Im] - range: Color rendering index (Ra) >: 80 SDCM: Power factor: Beam angle [°]: Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: Ring material: ABS Ring colour: White	Supply voltage [V]:	220-240
Electrical protection class: Nominal power [W] - range: 21/27/32 Colour temperature [K]: Luminous flux of the luminaire [Im] - range: 2300/2800/3200 Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.93 Beam angle [°]: 120 Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Ring material: ABS Ring colour: white	Frequency [Hz]:	50 - 60
Nominal power [W] - range: Colour temperature [K]: Luminous flux of the luminaire [lm] - range: Color rendering index (Ra) >: 80 SDCM: 3 Power factor: Beam angle [°]: 5urge protection [kV]: Diffuser material: PC Diffuser type: Diffuser colour: Material of the body: Ring material: ABS Ring colour: White	Energy efficiency class:	E
Colour temperature [K]: Luminous flux of the luminaire [Im] - range: Color rendering index (Ra) >: 80 SDCM: 80 SDCM: 93 Beam angle [°]: 120 Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: Ring material: ABS Ring colour: White	Electrical protection class:	1
Luminous flux of the luminaire [lm] - range: 2300/2800/3200 Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.93 Beam angle [°]: 120 Surge protection [kV]: 1 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: ABS Colour of the body: white Ring material: ABS Ring colour: white	Nominal power [W] - range:	21/27/32
Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.93 Beam angle [°]: 120 Surge protection [kV]: 1 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: ABS Colour of the body: white Ring material: ABS Ring colour: white	Colour temperature [K]:	4000
SDCM: Power factor: 0.93 Beam angle [°]: 120 Surge protection [kV]: 1 Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Colour of the body: Ring material: ABS Ring colour: White	Luminous flux of the luminaire [lm] - range:	2300/2800/3200
Power factor: Beam angle [°]: 120 Surge protection [kV]: 1 Diffuser material: PC Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: Ring material: ABS Ring colour: white	Color rendering index (Ra) >:	80
Beam angle [°]: Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Colour of the body: Ring material: ABS Ring colour: white	SDCM:	3
Surge protection [kV]: Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Colour of the body: Ring material: ABS Ring colour: White	Power factor:	0.93
Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: Colour of the body: White Ring material: ABS Ring colour: white	Beam angle [°]:	120
Diffuser type: Diffuser colour: white Material of the body: Colour of the body: Ring material: ABS Ring colour: white	Surge protection [kV]:	1
Diffuser colour: Material of the body: Colour of the body: Ring material: ABS Ring colour: white	Diffuser material:	PC
Material of the body: Colour of the body: Ring material: Ring colour: ABS white	Diffuser type:	OPAL
Colour of the body: white Ring material: ABS Ring colour: white	Diffuser colour:	white
Ring material: Ring colour: ABS white	Material of the body:	ABS
Ring colour: white	Colour of the body:	white
•	Ring material:	ABS
Dimensions (H/W/T/S) [mm]: 340/115	Ring colour:	white
	Dimensions (H/W/T/S) [mm]:	340/115

Mounting dimensions [mm]:	140
Impact resistance:	IK10
Ingress protection:	IP65
Mounting version:	surface
Working temperature [°C]:	from -20 to +35
Motion sensor:	yes
Dimensions of single box [mm]:	340/340/115
Net weight [kg]:	1.500
Warranty [years]:	5
Permeability factor of the diffuser:	0.73
Category type:	bulkheads
Category of application:	educational institutions, commercial facilities
AC voltage range [V]:	198-264
LED lifespan L70B50 [h]:	115000
LED lifespan L80B20 [h]:	75000
LED lifespan L90B10 [h]:	33000
Light distribution type:	asymmetric
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Manual:	Download PDF
CE certificate:	381/2023
PZH certificate:	B-BK-60212-0619/20
Plik LDT:	Download

LIGHT CURVES



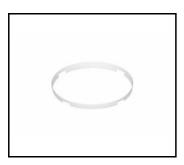


DIONE LED PLUS ASYMMETRIC 2300-3200LM 840 IP65 I KL. RCR OPAL WHITE MULTI LED

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%

