## DIONE LED PLUS ASYMMETRIC 2300LM 840 IP65 I KL. RCR OPAL WHITE 21W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	952838
Nominal power [W]:	21
Luminous flux [lm]*:	2300
Colour temperature [K]:	4000
SDCM:	≤3
Energy efficiency class:	Е
Material of the body:	ABS
Ring material:	ABS
Diffuser material:	PC
Diffuser type:	OPAL

### **CHARACTERISTICS**

Designed from scratch surface mounted, round LED luminaire with integrated, energy saving LED panel and asymmetrical light distribution. 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).

### **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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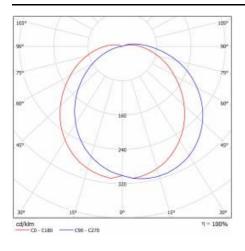
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	952838
Light source:	LED module
Nominal power [W]:	21
Rated power of the luminaire [W]:	22
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	2300
Luminous efficacy [lm/W]:	105
Energy efficiency class:	E
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Power factor:	0.94
Beam angle [°]:	120
Surge protection [kV]:	1
Diffuser material:	PC
Diffuser type:	OPAL
Diffuser colour:	white
Optics material:	ABS
Material of the body:	ABS
Colour of the body:	white
Ring material:	ABS
Ring colour:	white
Dimensions (H/W/T/S) [mm]:	340/115

Mounting dimensions [mm]:		
Ingress protection:  Mounting version:  Working temperature [°C]:  Motion sensor:  Dimensions of single box [mm]:  Net weight [kg]:  Warranty [years]:  Permeability factor of the diffuser:  Category type:  Category of application:  AC voltage range [V]:  LED lifespan L70850 [h]:  LED lifespan L90810 [h]:  Light distribution type:  Photobiological safety:  Marranty [years]:  Manual:  Download PDF  PZH certificate:  ENEC Certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Mounting dimensions [mm]:	140
Mounting version:  Working temperature [°C]:  Motion sensor:  Dimensions of single box [mm]:  Net weight [kg]:  Warranty [years]:  Permeability factor of the diffuser:  Category type:  Category of application:  AC voltage range [V]:  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L90B10 [h]:  Light distribution type:  Photobiological safety:  Warranty [years]:  Manual:  Download PDF  PH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Impact resistance:	IK10
Working temperature [°C]:  Motion sensor:  Dimensions of single box [mm]:  Net weight [kg]:  Warranty [years]:  Permeability factor of the diffuser:  Category type:  bulkheads  educational institutions, commercial facilities  AC voltage range [V]:  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L90B10 [h]:  Light distribution type:  Photobiological safety:  Warranty [years]:  Manual:  Download PDF  PZH certificate:  PL BBJ/011/2021/M1/A1	Ingress protection:	IP65
Motion sensor:  Dimensions of single box [mm]:  Net weight [kg]:  Warranty [years]:  Permeability factor of the diffuser:  Category type:  bulkheads  educational institutions, commercial facilities  AC voltage range [V]:  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  J3000  LED lifespan L90B10 [h]:  Asymmetric  Photobiological safety:  Photobiological safety:  Warranty [years]:  Manual:  Download PDF  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Mounting version:	surface
Dimensions of single box [mm]:  Net weight [kg]:  Warranty [years]:  Permeability factor of the diffuser:  Category type:  bulkheads educational institutions, commercial facilities  AC voltage range [V]:  198 - 264  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  J3000  Light distribution type:  Photobiological safety:  Warranty [years]:  Manual:  Download PDF  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Working temperature [°C]:	from -20 to +35
Net weight [kg]:  Warranty [years]:  Permeability factor of the diffuser:  Category type:  bulkheads educational institutions, commercial facilities  AC voltage range [V]:  198 - 264  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  33000  Light distribution type:  Photobiological safety:  Photobiological safety:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Motion sensor:	yes
Warranty [years]:  Permeability factor of the diffuser:  Category type:  bulkheads educational institutions, commercial facilities  AC voltage range [V]:  198 - 264  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  33000  Light distribution type:  Photobiological safety:  Photobiological safety:  Warranty [years]:  Manual:  Download PDF  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Dimensions of single box [mm]:	340/340/115
Permeability factor of the diffuser:  Category type:  bulkheads educational institutions, commercial facilities  AC voltage range [V]:  198 - 264  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  33000  Light distribution type:  Photobiological safety:  Photobiological safety:  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Net weight [kg]:	1
Category type:  Category of application:  Category of application:  AC voltage range [V]:  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Sayone  CE certificate:  Manual:  PZH certificate:  Download PDF  B-BK-60212-0619/20  Educational institutions, commercial facilities  educational institutions, commercial facilities  198 - 264  176 - 280  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  115000  1150000	Warranty [years]:	5
Category of application:  AC voltage range [V]:  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Saymmetric  Photobiological safety:  Photobiological safety:  CE certificate:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Permeability factor of the diffuser:	0.81
Category of application:  AC voltage range [V]:  DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Light distribution type:  Photobiological safety:  Photobiological safety:  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  Commercial facilities  198 - 264  176 - 280  115000  115000  125000  13000  13000  Risk Group 1 (no photobiological hazard under normal behavioral limitation)  CE certificate:  380/2023  Warranty [years]:  5  Manual:  Download PDF  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Category type:	bulkheads
DC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Light distribution type:  Photobiological safety:  Photobiological safety:  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	Category of application:	· ·
LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Jayono  Light distribution type:  Photobiological safety:  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	AC voltage range [V]:	198 - 264
LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Signature asymmetric  Risk Group 1 (no photobiological hazard under normal behavioral limitation)  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	DC voltage range [V]:	176 - 280
LED lifespan L90B10 [h]:  Light distribution type:  Photobiological safety:  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  PL BBJ/011/2021/M1/A1	LED lifespan L70B50 [h]:	115000
Light distribution type:  Risk Group 1 (no photobiological hazard under normal behavioral limitation)  CE certificate:  380/2023  Warranty [years]:  Manual:  Download PDF  PZH certificate:  B-BK-60212-0619/20  ENEC Certificate:  PL BBJ/011/2021/M1/A1	LED lifespan L80B20 [h]:	75000
Risk Group 1 (no photobiological hazard under normal behavioral limitation)  CE certificate:  Warranty [years]:  Manual:  PZH certificate:  B-BK-60212-0619/20  ENEC Certificate:  PL BBJ/011/2021/M1/A1	LED lifespan L90B10 [h]:	33000
Photobiological safety:  hazard under normal behavioral limitation)  CE certificate:  380/2023  Warranty [years]:  5  Manual:  PZH certificate:  B-BK-60212-0619/20  ENEC Certificate:  PL BBJ/011/2021/M1/A1	Light distribution type:	asymmetric
Warranty [years]:         5           Manual:         Download PDF           PZH certificate:         B-BK-60212-0619/20           ENEC Certificate:         PL BBJ/011/2021/M1/A1	Photobiological safety:	hazard under normal behavioral
Manual:         Download PDF           PZH certificate:         B-BK-60212-0619/20           ENEC Certificate:         PL BBJ/011/2021/M1/A1	CE certificate:	380/2023
PZH certificate: B-BK-60212-0619/20 ENEC Certificate: PL BBJ/011/2021/M1/A1	Warranty [years]:	5
ENEC Certificate:  PL BBJ/011/2021/M1/A1	Manual:	Download PDF
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### **LIGHT CURVES**



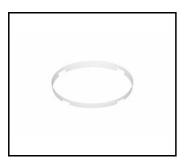


# DIONE LED PLUS ASYMMETRIC 2300LM 840 IP65 I KL. RCR OPAL WHITE 21W

**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%

