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

DETAILED CARD





TECHNICAL PARAMETERS

Index:	951558
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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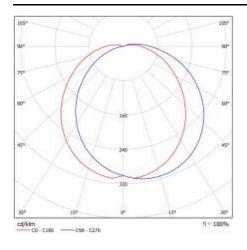
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	951558
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 [lm]:	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
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]:	140
Impact resistance:	IK10

Ingress protection: Mounting version: Working temperature [°C]: Corridor function: Motion sensor: DIMM DALI: Dimensions of single box [mm]: Net weight [kg]: Permeability factor of the diffuser: Category type: Category of application: Version: AC voltage range [V]: DED lifespan L70B50 [h]: LED lifespan L90B10 [h]: Light distribution type: Photobiological safety: Manual: PZH certificate: PLBBJ/011/2021/M1/A1 Plik LDT: Piss ACV 135 Surface from -20 to +35 yes 1.250 1.250 3.40/340/115 1.250 3.40/340/115 1.250 3.40/340/115 3.40/340/115 3.40/340/115 1.250 3.40/340/115 3.40/34		
Working temperature [°C]: Corridor function: Motion sensor: DIMM DALL: Dimensions of single box [mm]: Net weight [kg]: Permeability factor of the diffuser: Category type: Category of application: Version: AC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Light distribution type: Photobiological safety: Manual: Pass (Sale (Sa	Ingress protection:	IP65
Corridor function: Motion sensor: DIMM DALI: Dimensions of single box [mm]: Net weight [kg]: Permeability factor of the diffuser: Category type: Category of application: Version: AC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L90B10 [h]: Light distribution type: Photobiological safety: Marranty [years]: Photopication: yes yes yes yes yes yes Ja0/340/115 1.250 1.250 1.250 D.73 Dulkheads educational institutions, commercial facilities DP 198 - 264 DC voltage range [V]: 176 - 280 LED lifespan L70B50 [h]: LED lifespan L90B10 [h]: Light distribution type: Photobiological safety: CE certificate: Ban/2023 Warranty [years]: Manual: Download PDF PZH certificate: B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	Mounting version:	surface
Motion sensor: DIMM DALI: Dimensions of single box [mm]: Net weight [kg]: Warranty [years]: Permeability factor of the diffuser: Category type: bulkheads educational institutions, commercial facilities Version: DP AC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L90B10 [h]: Light distribution type: Photobiological safety: Manual: Download PDF PZH certificate: ENEC Certificate: PL BBJ/011/2021/M1/A1	Working temperature [°C]:	from -20 to +35
DIMM DALI: Dimensions of single box [mm]: Net weight [kg]: Verranty [years]: Category type: Category of application: Version: AC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L90B10 [h]: Light distribution type: Photobiological safety: Marranty [years]: Manual: Download PDF PH Certificate: PL 8340/340/115 1.250 1.250 0.73 5 0.73 Category type: bulkheads educational institutions, commercial facilities Photolions, commercial facilities 198 - 264 176 - 280 115000 LED lifespan L80B20 [h]: 75000 28ymmetric Risk Group 1 (no photobiological hazard under normal behavioral limitation) CE certificate: B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	Corridor function:	yes
Dimensions of single box [mm]: Net weight [kg]: Warranty [years]: Permeability factor of the diffuser: Category type: bulkheads educational institutions, commercial facilities Version: DP AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Janoo Light distribution type: Photobiological safety: Warranty [years]: Manual: Download PDF B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	Motion sensor:	yes
Net weight [kg]: Warranty [years]: Permeability factor of the diffuser: Category type: bulkheads educational institutions, commercial facilities DP AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Jayon Light distribution type: Photobiological safety: Warranty [years]: Manual: Download PDF PZH certificate: B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	DIMM DALI:	yes
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Permeability factor of the diffuser: Category type: bulkheads educational institutions, commercial facilities Version: DP AC voltage range [V]: 198 - 264 DC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Janoo Light distribution type: Photobiological safety: Photobiological safety: CE certificate: Warranty [years]: Manual: Download PDF PZH certificate: B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	Net weight [kg]:	1.250
Category type: Category of application: Category of application: Version: DP AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: J3000 Light distribution type: Photobiological safety: CE certificate: Warranty [years]: Manual: Download PDF B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	Warranty [years]:	5
Category of application: Version: DP AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: J33000 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	Permeability factor of the diffuser:	0.73
Category of application: Version: DP AC voltage range [V]: DC voltage range [V]: LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: J33000 Light distribution type: Photobiological safety: Photobiological safety: CE certificate: Warranty [years]: Manual: Download PDF PZH certificate: B-BK-60212-0619/20 PL BBJ/011/2021/M1/A1	Category type:	bulkheads
AC voltage range [V]: 198 - 264 DC voltage range [V]: 176 - 280 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) CE certificate: 380/2023 Warranty [years]: 5 Manual: Download PDF PZH certificate: B-BK-60212-0619/20 ENEC Certificate: PL BBJ/011/2021/M1/A1	Category of application:	-
DC voltage range [V]: 176 - 280 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) CE certificate: 380/2023 Warranty [years]: 5 Manual: Download PDF PZH certificate: B-BK-60212-0619/20 ENEC Certificate: PL BBJ/011/2021/M1/A1	Version:	DP
LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: T5000 LED lifespan L90B10 [h]: J3000 Light distribution type: Photobiological safety: Risk Group 1 (no photobiological hazard under normal behavioral limitation) CE certificate: Warranty [years]: Manual: Download PDF PZH certificate: B-BK-60212-0619/20 ENEC Certificate: PL BBJ/011/2021/M1/A1	AC voltage range [V]:	198 - 264
LED lifespan L80B20 [h]: LED lifespan L90B10 [h]: Signor	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: Photobiological safety: 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:	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
	PZH certificate:	B-BK-60212-0619/20
Plik LDT: <u>Download</u>	ENEC Certificate:	PL BBJ/011/2021/M1/A1
	Plik LDT:	Download

LIGHT CURVES



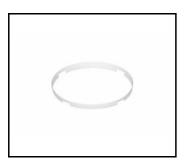


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DETAILED CARD

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



