DIONE LED PLUS ASYMMETRIC P 3200LM 840 IP65 I KL. DALI RCR OPAL WHITE 32W CORRIDOR

DETAILED CARD

TECHNICAL PARAMETERS

Index:	952340
Nominal power [W]:	32
Luminous flux [lm]*:	3200
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	E
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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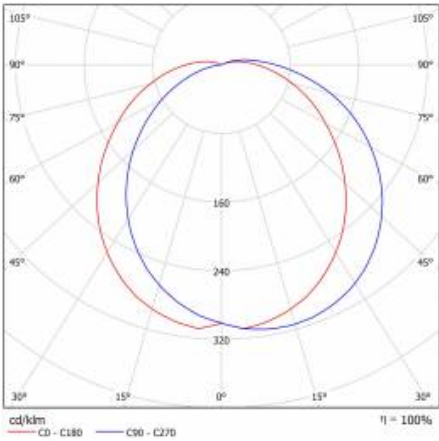
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Nominal power [W]:	32	**Ingress protection:**	IP65
Index:	952340	**Mounting version:**	surface
Colour temperature [K]:	4000	**Working temperature [°C]:**	from -20 to +35
Luminous flux [lm]:	3200	**Motion sensor:**	yes
Light source:	LED module	**DIMM DALI:**	yes
Diffuser type:	OPAL	**Corridor function:**	yes
Rated power of the luminaire [W]:	33	**Emergency lighting [h]:**	0
Supply voltage [V]:	220-240	**Version:**	P
Frequency [Hz]:	50 - 60	**Dimensions of single box [mm]:**	340/340/115
Luminous efficacy [lm/W]:	97	**Net weight [kg]:**	1
Energy efficiency class:	E	**Warranty [years]:**	5
Electrical protection class:	I	**Permeability factor of the diffuser:**	0.80
Colour rendering index:	>80	**Category type:**	bulkheads
SDCM:	≤ 3	**Category of application:**	commercial facilities, educational institutions
Power factor:	0.94	**AC voltage range [V]:**	198 - 264
Beam angle [°]:	120	**DC voltage range [V]:**	176 - 280
Surge protection [kV]:	1	**LED lifespan L70B50 [h]:**	115000
Diffuser material:	PC	**LED lifespan L80B20 [h]:**	75000
Diffuser colour:	white	**LED lifespan L90B10 [h]:**	33000
Optics material:	ABS	**Light distribution type:**	asymmetric
Material of the body:	ABS	**Photobiological safety:**	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour of the body:	white	**CE certificate:**	380/2023
Ring material:	ABS	**Warranty [years]:**	5
Ring colour:	white	**Manual:**	Download PDF
Dimensions (H/W/T/S) [mm]:	340/115	**PZH certificate:**	B-BK-60212-0619/20
Mounting dimensions [mm]:	140	**ENEC Certificate:**	PL BBJ/011/2021/M1/A1
Impact resistance:	IK10	**Plik LDT:**	Download

LIGHT CURVES

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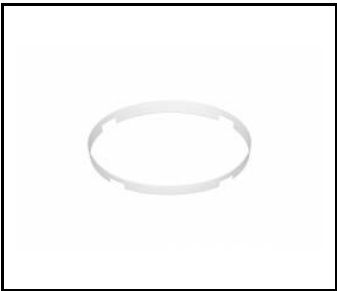cd/klm   η = 100%
—— C0 - C180   —— C90 - C270

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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)