

# DIONE LED PLUS 1900LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 18W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	952630
Ingress protection:	IP65
Impact resistance:	IK10
Nominal power [W]:	18
Luminous flux [lm]*:	1900
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	F
Material of the body:	ABS
Ring material:	ABS

## 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 keeping 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 fitting is offered in RCR version:

- sensor used to detect motion; for detection uses microwaves (active sensor).

## 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 1900LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 18W

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Light source:	LED module	Impact resistance:	IK10
Nominal power [W]:	18	Ingress protection:	IP65
Rated power of the luminaire [W]:	21.40	Mounting version:	surface
Supply voltage [V]:	220-240	Working temperature [°C]:	from 0 to +25
Frequency [Hz]:	50 - 60	Motion sensor:	yes
Luminous flux [lm]:	1900	Emergency lighting [h]:	3
Luminous efficacy [lm/W]:	90	Dimensions of single box [mm]:	340/340/115
Energy efficiency class:	F	Net weight [kg]:	1.380
Electrical protection class:	I	Warranty [years]:	2 / 0.5 (bateria)
Colour temperature [K]:	4000	Permeability factor of the diffuser:	0.73
Colour rendering index:	80	Index:	952630
SDCM:	≤ 3	Category type:	bulkheads
Power factor:	0.94	Autotest:	yes
Charging time [h:min]:	48	AC voltage range [V]:	220 - 240
Battery life [h:min]:	3	DC voltage range [V]:	198-264
Max load (RCR) [W]:	400	LED lifespan L70B50 [h]:	110000
Beam angle [°]:	120	LED lifespan L80B20 [h]:	84000
Diffuser material:	PC	LED lifespan L90B10 [h]:	33000
Diffuser type:	OPAL	Light distribution type:	open space
Diffuser colour:	white	CE certificate:	<a href="#">377/2023</a>
Material of the body:	ABS	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour of the body:	white	Optics material:	PC
Ring material:	ABS	Manual:	<a href="#">Download PDF</a>
Ring colour:	white	PZH certificate:	B-BK-60212-0619/20
Dimensions (H/W/T/S) [mm]:	ø340/115	ENEC Certificate:	
Mounting dimensions [mm]:	140		

# DIONE LED PLUS 1900LM 840 IP65 I KL. RCR AW 3H AT OPAL WHITE 18W

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: 30 July 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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 377/2023