

ARTEMIS LED



Installation: suspended

Ingress protection: IP 66 for the optical part and the driver

Material: anodised aluminium alloy

Colour: inox / black

Optical system: PMMA optics, interchangeable LED module

Number of LEDs: 48 for 144W

Operating temperature range: from -40°C to +55°C

Expected useful lifetime: L90F10 – 50 000 h, L80F20 – 100 000 h

CRI: >70 for 5000K, 4000K; >80 for 3500K

Corrective factor S/P: 1,8 for 5000K; 1,45 for 3500K; 1,55 for 4000K

Windage: depending on angular settings (0° - 0,08m²; 30° - 0,12m²)

Input voltage frequency: 50 / 60Hz

Power factor: ≥0.95

Inrush electric current: 53A / 300µs for 144W

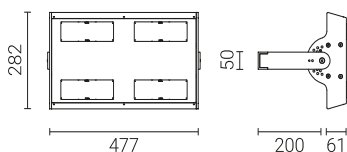
Luminaire ARTEMIS LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).



Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹⁾	Luminaire luminous flux ¹⁾	Luminous efficacy	Unit volume	Luminaire net weight
229041/3	ARTEMIS LED 144	144W	154W	1000mA	3500K	18 850lm	17950lm	117lm/W	0,022m ³	8kg
229041/4	ARTEMIS LED 144	144W	154W	1000mA	4000K	20 850lm	18600lm	121lm/W	0,022m ³	8kg
229041/6	ARTEMIS LED 144	144W	154W	1000mA	5000K	21 900lm	19500lm	127lm/W	0,022m ³	8kg

1) tolerance +/- 3% due to LEDs accuracy

Directive: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC



Luminaire ARTEMIS LED in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

Acceptable quantity of luminaires ARTEMIS LED on one circuit, protected by:

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
ARTEMIS LED	B	1	1	3	5	8	10	12
	C	1	3	5	8	13	16	20

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ARTEMIS LED	2	4	6	10	15	19	24