

Characteristic

Ingress protection of optical system and driver	IP 66
Protection class	II
Nominal input voltage	220 - 240 V AC
Frequency	50/60 Hz
Power factor	≥0.95
Inrush electric current	53A / 300µs
Level of surge protection	10kV
Control system ready input	DALI
Operating temperatures	-40°C to +40°C
Material	anodized aluminium alloy
Colour	inox / black
Mounting	on the extension arm
Tilt angle	0° to 180°, every 10°
Optical system	PMMA lens, replaceable LED module
LEDs type	CREE XP-L
LEDs lifetime L90F10	>50 000 h
Warranty	5 years

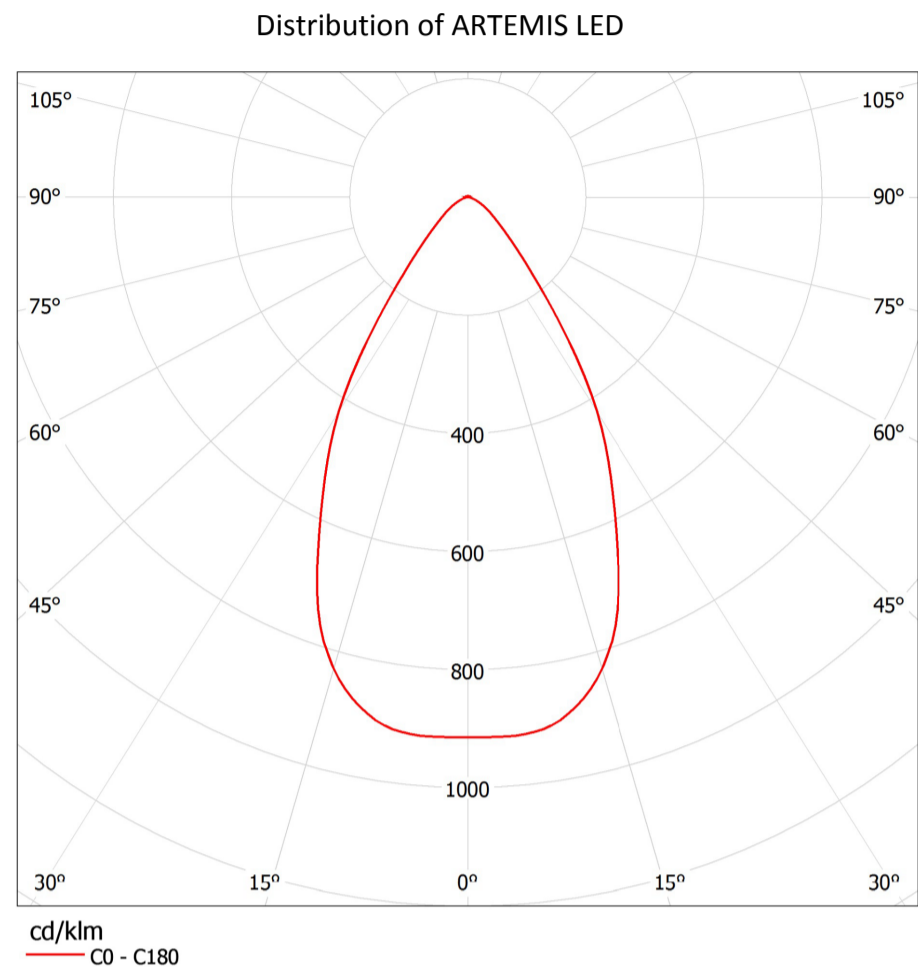


CREE
LEDs



Technical parameters

Type	ARTEMIS LED 144	
Code	229041/6	229041/3
Correlated colour temperature [K]	5 000	3 500
Color rendering index CRI	75 ²⁾	>80
Corrective factor S/P	1,8	1,45
LEDs quantity	48	
Supply current [mA]	1 000	
Moc diod LED [W]	144	
Strumień świetlny diod LED ¹⁾ [lm]	20 850	19 200
Moc całkowita oprawy [W]	154	
Strumień świetlny oprawy¹⁾ [lm]	19 500	17 950
Efektywność świetlna oprawy [lm/W]	127	117
Waga oprawy netto [kg]	8	
Objętość jednostkowa [m ³]	0,022	
Windage [m ²]	Depending on angular settings (0° - 0,08; 30° - 0,12)	



- 1) tolerance +/- 3% due to LEDs accuracy
2) tolerance +/-2

- Low voltage directive LVD 2006/95/WE, norm PN-EN 60598-1, PN-EN 60598-2-3
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3
- Shown parameters based on measurements according to IESNA LM 79-08

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

Overcurrent switches MCB type B or C								
		2A	4A	6A	10A	16A	20A	25A
ARTEMIS LED 144W	Type B	1	1	3	5	8	10	12
	Type C	1	3	5	8	13	16	20

Fuse – type gG and GL								
		2A	4A	6A	10A	16A	20A	25A
ARTEMIS LED 144W		2	4	6	10	15	19	24

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,