

SUNOLA

www.thegreenovations.com

Warranty:
Manufacturing 10 years

Strength:
Quality
Standalone
Self-cleaning & maintaining system
189 Lumens per Watt
Aesthetic



THE GREENOVATIONS

Sunola Model	Installation height	8m
	Light pole height	7.5m
	Diameter of light pole	290mm down and up 180mm
	Light pole	steel, hot-dip galvanized, paint-coated, stainless steel, (aluminum optional)
	Light pole color	RAL 9006, steel pole (standard) or white aluminum (optional)
Sunola Power LED	Weight	205 kg (installation sleeve foundation)
	Illuminant	32 LEDs
	Bulb	high-efficiency LEDs
	Power	32 Watt
	Luminous flux	5860 lumens
	Standard luminance up to	16.8 lux
	Lumens per watt	189 lumens per watt
	Light distribution	lengthwise aligned
	Energy conversion efficiency	97.6 %
	LED-light temperature	cool-white, 5,700 Kelvin, CRI > 70 (standard) neutral-white, 4,100 Kelvin (optional) warm-white, 3,100 Kelvin (optional)
Standard service life (part load)	> 150,000 hrs.	
Illumination area typ.	100 – 270 m2	
Sunola Power Panel	Height PV-module	5.5m
	Diameter PV-module	180 mm
	PV-Technology	Amorphous Solar Panels
	Nominal power output	144 Wp
Sunola Power Control	Management device control system	Microcontroller electronics solar devices
	Capacity of battery	48 V / 30 Ah (pole-mounted, standard)
	Technology of battery	Lifepo4 10 years warranty or (LTO battery 20 years Warranty optional)
Standards / Compliances	Illumination	according to EN 13201
	Certification light pole	EN 40-5, EN 40-3-1
	Certification electronics	IP65
	EMV	EN 55015, EN 61547
	PV-standard	EN 61215 (adapted)
	Temperature range	- 40° C to +125° C (pole-mounted)
Options	dynamic light profile , motion detector, camera, Wi-Fi, CO ² measurement	

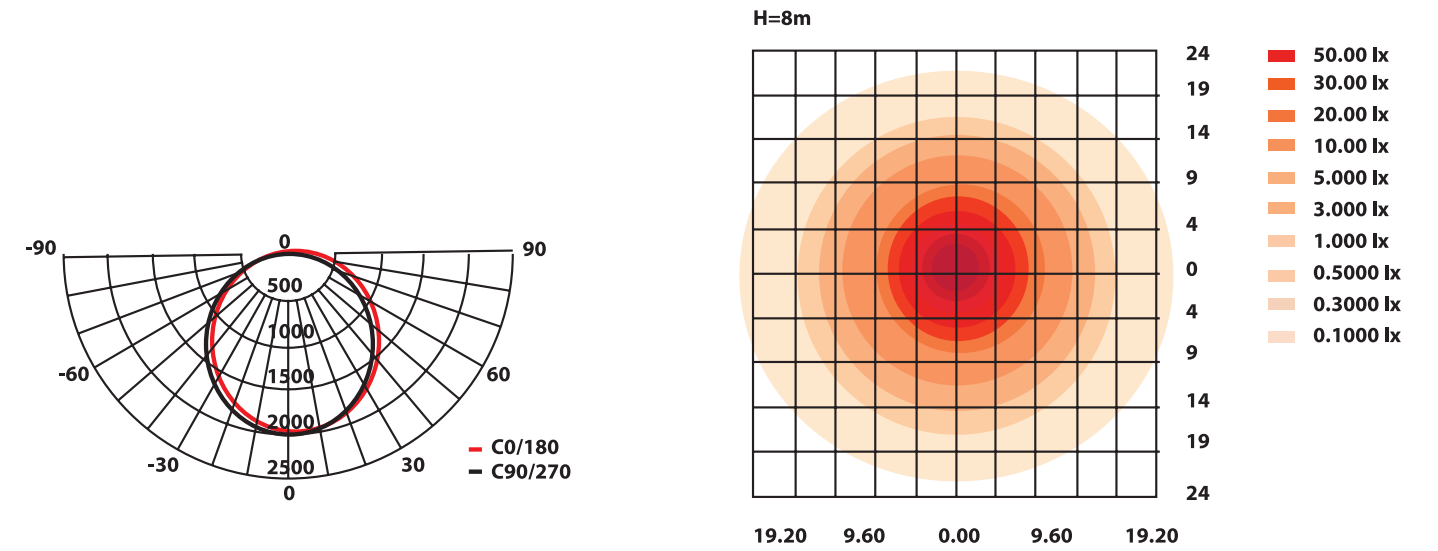
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For future development & continues improvements, The Greenovations reserves the right to change any technical characteristics to the product.

DIMENSIONS



LIGHT DISTRIBUTION



THE WORLD'S BREAKTHROUGH

Sunola is the only Monopole mast in the world using two essential technologies in the field of solar energy.

- Self-cleaning
- Super hydrophobic surfaces

ECO-FRIENDLY	ENVI-FRIENDLY	SUFFICIENT	RELIABLE	SAFE
ANTI-DUST	ANTI-SNOW	ANTI-BACTERIAL	ANTI-RUST	AESTHETIC