

COSMO-Solar

Solar LED Garden Light



- Aluminum alloy tensile lamp body, modular light source module with ultra-white tempered glass, easy disassembly and installation.
- Optics with PC lens with high visual comfortable and uniform lighting distribution,multiple light distribution options.
- High strength aluminum alloy profile lamp post, anti-corrosion plastic powder coating surface.
- Comfort using modular optical lens, multiple optical options.
- No photo-biological risk,(no risk linked to infrared,blue light and UV radiation) in accordance with EN 62471:2008.
- With LiFePO4 battery which usually apply for electric bus.
- Surface anti-ultraviolet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- Separate packaging, cost saving, convenient transportation.
- All external screws are made of 304 stainless steel.

Technical Data

Luminaire Type-安裝方式/Tipo de luminaria	Pole Mounted: 4-5m燈杆安裝: 4-5m montado en poste: 4-5m
LED Rated Power LED 照明功率	Solar LED Lighting太陽能LED 照明功率: 30W 40W
Solar Panel Power / 太陽能電池板功率 Energía del panel solar	160W monocrystalline
Photovoltaic Cell Type / 光伏電池類型 Tipo de celda fotovoltaica	Monocrystalline Silicon
Photovoltaic / 光伏效率 Eficiencia fotovoltaica	Up to Max.22% 最高可達22%
Type of battery / 電池類型 / tipo de batería	LiFePO4 Battery
Battery Capacity / 電池容量 Capacidad de la batería	• 12.8V 30Ah @ 30W • 12.8V 42Ah @ 40W
Solar Controller / 太陽能控制器 Controlador solar	Programmable MPPT
Lighting Control 燈光控制/Control	Integrated-type LED Driver--Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 1. ON/OFF Switch AC220-240V 50/60HZ 2. Motion Sensor Control
Color Temperature / 色溫 Temperatura del color	3000K / 4000K / 5000K / 5700K
Color Rendering Index / 顯色指數 Índice de reproducción cromática	> 80
Luminaire Efficiency / 燈具光效 Eficiencia de la luminaria	120 Lm/w(3000K) 125 Lm/w(4000K) 130 Lm/w(5000K) 130 Lm/w(5700K),
Beam Angle光束角 ángulo de haz	Optical Type : A1 A2 A3 A4
Housing materials / 外殼材料 Materiales de vivienda	Die-cast aluminium alloy and tempered glass 壓鑄鋁和鋼化玻璃 Aluminio fundido a presión y Vidrio templado
Housing Color / 外殼顏色 / Color de la carcasa	Anti Corrosion Polyester powder 防腐噴粉 Black RAL 9005; Grey RAL 9006; White RAL 9003; Dark Grey RAL 7043 黑色 RAL 9005 灰色 RAL 9006 白色 RAL 9003 深灰色RAL 7043
Ingress Protection / 防護等級 / Protección de ingreso	IP66
Mech impact protection / 機械衝擊防護 LED Lantern	IK08
Dimension / 尺寸 / Dimensión	Refer to drawing 參考圖紙
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-30 °C / +50 °C
Certification	   

Project	Fixture#	Date
		Firm



Ordering Information

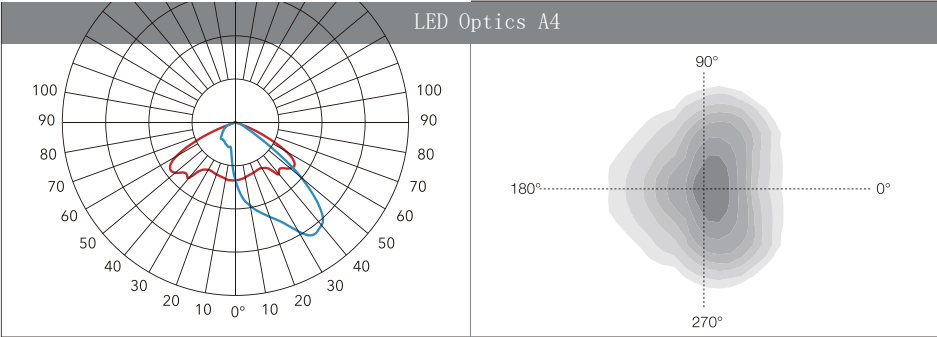
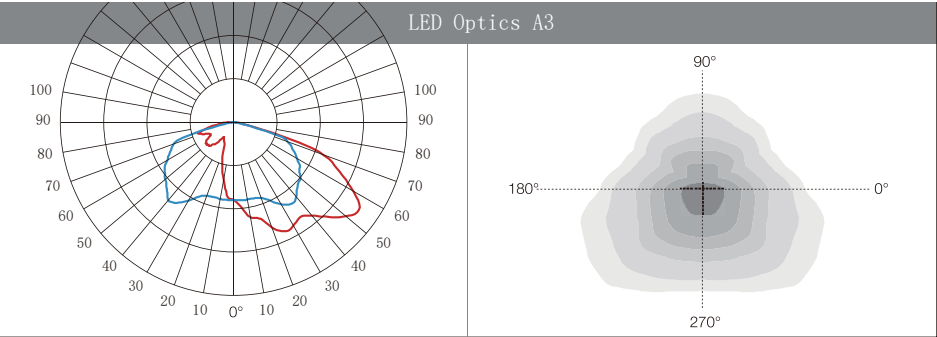
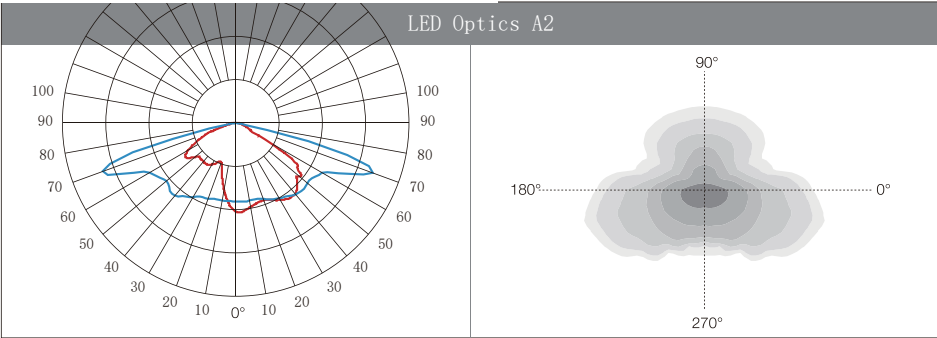
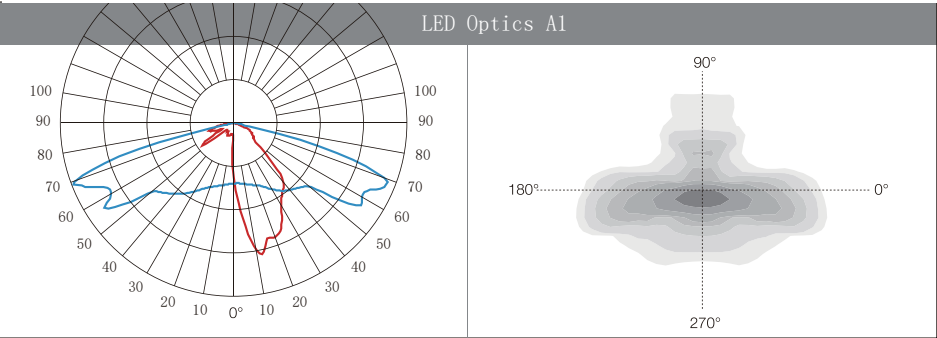
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

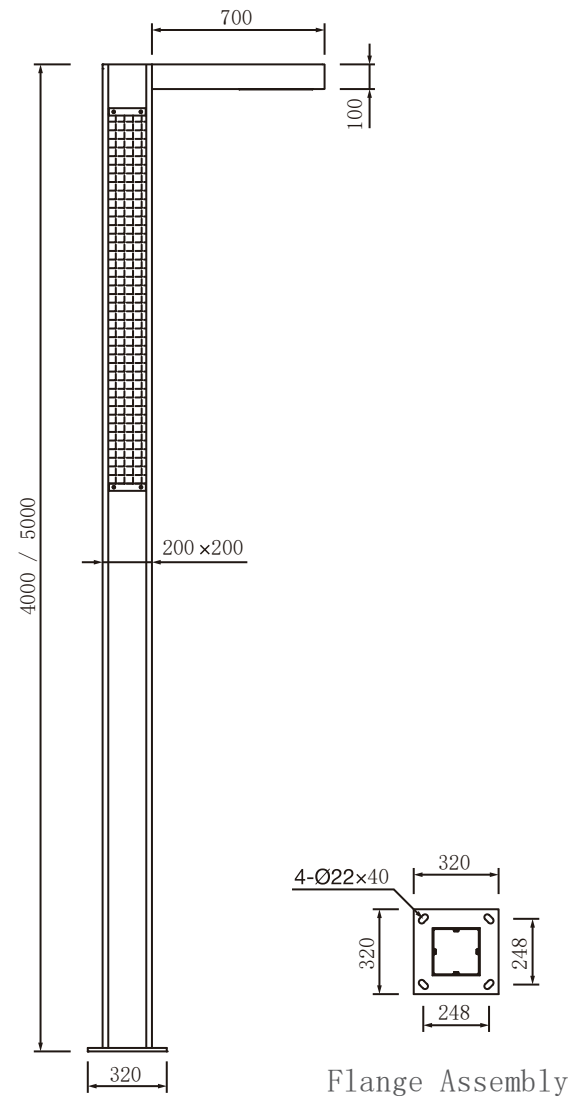
Example product code: [COSMO-30W](#)

COSMO-SOLAR - - POWER

POWER	
Code	Description
30W	30W
40W	40W

BEAM ANGLE





Unit: mm