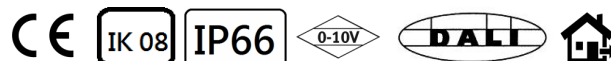


## COSMO

120W Max



- Die-casting aluminium body, super white tempered glass, PC white plastic reflector.
- Optics with PC lens with high visual comfortable and uniform lighting distribution, multiple light distribution options.
- High quality LED chips, Driver with 0-10V/DALI/programmed options, and with surge protection up to 20KV.
- LED module is used inside, which is easy to install and replace.
- Surface anti-ultraviolet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- No photo-biological risk, (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- Street lighting control used with smart control technology. It can be compatible with remote management system.
- 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

Power Consumption with LED Driver  
LED燈具包括LED驅動電源功率  
Consumo de energía con controlador de LED

• Type A: 40W 60W 75W  
• Type B: 75W 100W 120W

Input Voltage / 輸入電壓  
Voltaje de entrada

100 ~ 240VAC (50~60HZ)

Control Protocol/控制協議  
Protocolo de Control

SW: ON/OFF Switch Driver  
DA: Dali Dimming Driver  
RDM : RDM Dimming Driver  
MS: Motion Sensor  
AN: 1-10V Dimming Driver  
DMX: DMX 512 Dimming Driver  
Zl: ZIGBEE Wireless Control  
DS: Daylight Sensor

Power Factor / 功率因數/Factor de potencia

PF>0.9

Total Harmonic Distortion/總諧波失/Distorsión armónica total

THD<18%

Protection Against Surges/防護措施/PROTECCIÓN CONTRA LAS PROMOCIONES:

20KV Built-in surge protection device  
20KV內置電湧保護器  
Dispositivo de protección contra sobretensiones incorporado de 20KV

Light Source Brand-光源品牌-Fuente de luz de marca

CREE

"Lumen Maintenance LM-80 Reported by TM-21"

L70 > 45,000 Hours

LED Life-LED壽命-La vida del LED

>50,000 hours

Color Temperature 色溫 Temperatura y color

3000K / 4000K / 5000K / 5700K

Color Rendering Index-顯色指數  
Índice de reproducción cromática

>80

MacAdam Ellipses Binning  
麥克亞當橢圓分級  
Mac Adam binning ellipse

Standard Deviation Colour Matching 3 SCDM  
標準偏差配色 3 SCDM  
Coincidencia de color estándar Desviación

Beam Angle  
光束角  
ángulo de haz

Optical Type : A1 A2 A3 A4

Luminaire Efficacy燈具效率  
La eficacia de la luminaria

120 Lm/w(3000K) 125 Lm/w(4000K) 130 Lm/w(5000K) 130 Lm/w(5700K)

Housing materials 外殼材料  
Materiales de la carcasa

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 - (IEC 60529)

Mech impact protection  
機械衝擊保護  
Protección contra impactos mecánicos

IK08

Operating Temperature Range / 工作溫度範圍  
Rango de temperatura de funcionamiento

-30 °C / +50 °C

Operating Humidity -工作濕度  
Humedad de funcionamiento

0~90%, non-condensing-不結霜  
sin condensación

Installation Height 安裝高度Altura de montaje

4-5 M

Dimension 尺寸 Dimensión

Refer to drawing 參考圖紙

Certificate Standard Complied  
符合安規標準  
estándar certificado de cumplimiento

LED Luminaries: IEC/EN 60598-1 ; IEC/EN 60598-2-3; IEC TR 62778; IEC 62031  
LED Driver: IEC 61347-1; IEC 61347-2-13; EN 55015; IEC 61000-3-2; IEC 61000-3-3;  
IEC 61547; EN 62384

Certification-認證-Certificación



|         |          |      |
|---------|----------|------|
| 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.

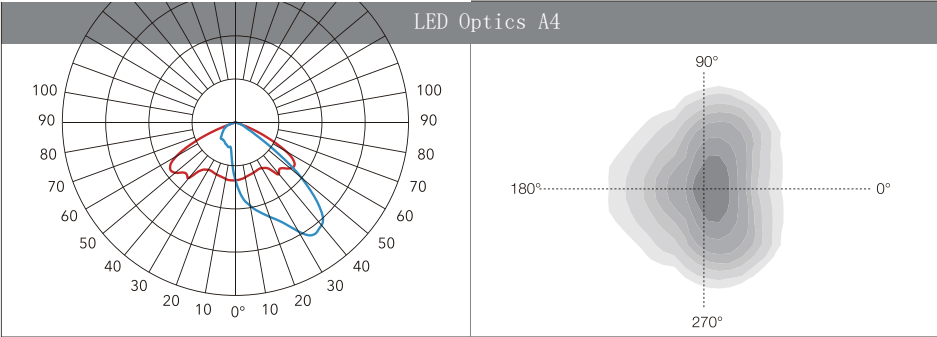
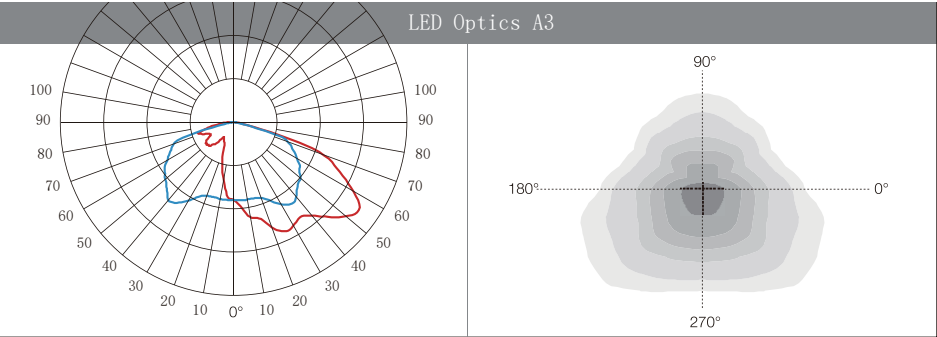
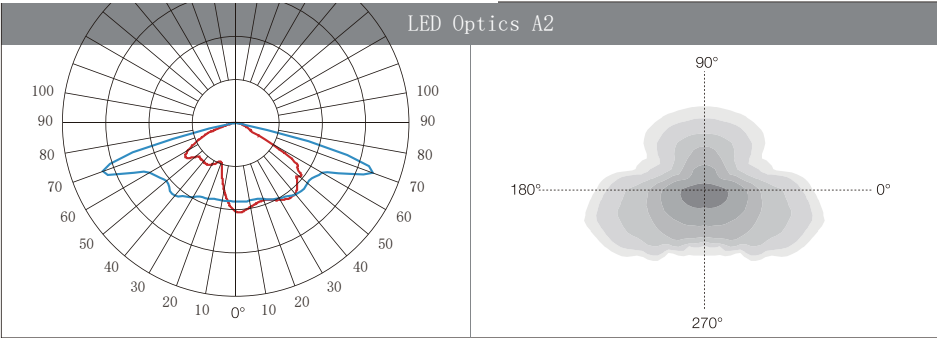
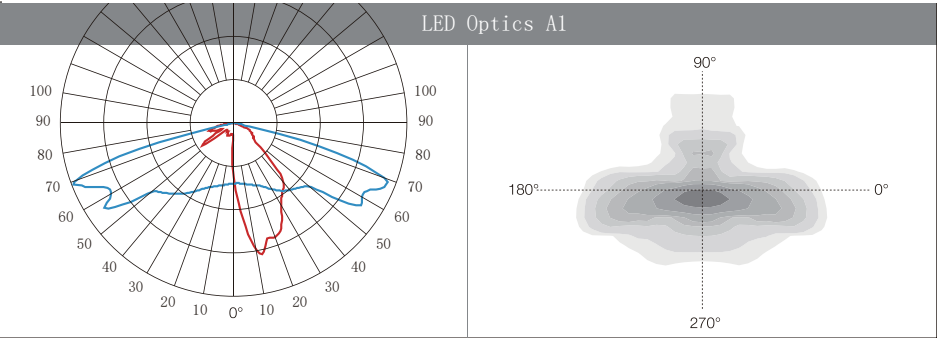
Example product code: [COSMO-60W](#)

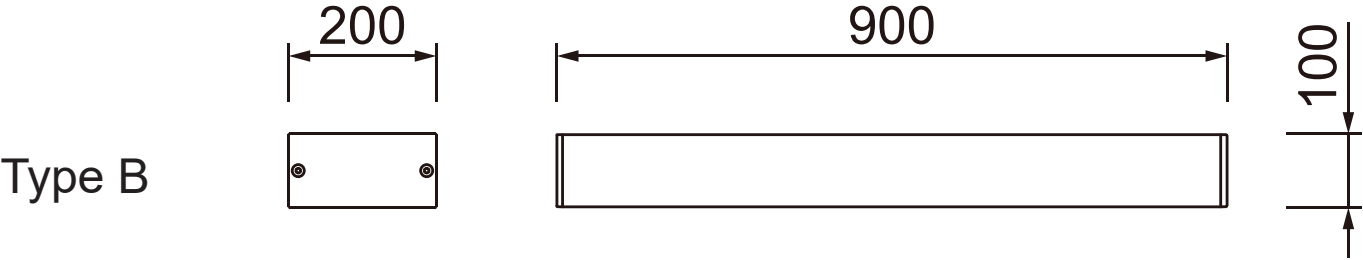
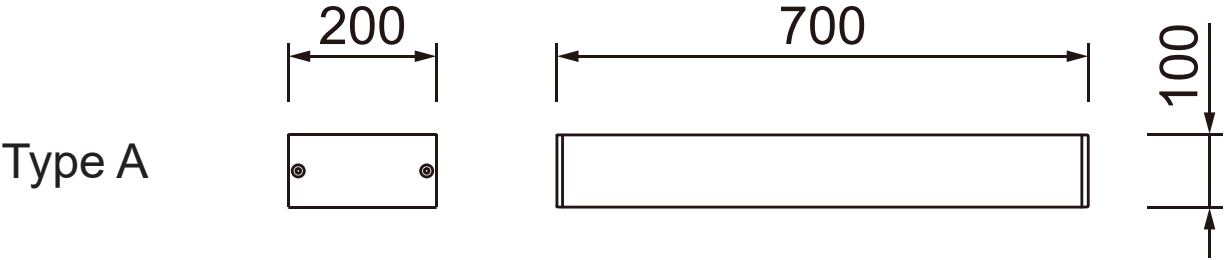
COSMO - -

POWER  
CONSUMPTION

| POWER CONSUMPTION    |               |
|----------------------|---------------|
| Code                 | Description   |
| <a href="#">40W</a>  | 40W @ Type A  |
| <a href="#">60W</a>  | 60W @ Type A  |
| <a href="#">75W</a>  | 75W @ Type A  |
| <a href="#">75W</a>  | 75W @ Type B  |
| <a href="#">100W</a> | 100W @ Type B |
| <a href="#">120W</a> | 120W @ Type B |

# BEAM ANGLE





Unit: mm