

**728070CW**

## **TARTESSOS STREET LUMINAIRE 80W 5700K 70°X140°**

Street Luminaire for public lighting, TARTESSOS model, with 80W power and 11600lm luminosity. Equipped with 200pcs Lumileds SMD3030 LED chips and a driver with a voltage of 120-277VAC. Asymmetric optical aperture of 70°x140° and a color temperature of 5700K. Protection rating against external elements is IP66, and mechanical impact resistance rating is IK08. The body is made of injected aluminum with a light gray finish. Polycarbonate lenses. Adjustable arm for installation on a pole or column.



### **PRODUCT SPECIFICATIONS**

|              |                                                |
|--------------|------------------------------------------------|
| Item code:   | 728070CW                                       |
| Description: | Tartessos Street Luminaire for public lighting |
| EAN13 code:  | 8435724901319                                  |

### **ELECTRICAL DATA**

|                              |            |
|------------------------------|------------|
| Power:                       | 80w        |
| Voltage:                     | 120-277vac |
| Frequency:                   | 50 Hz      |
| Power factor:                | 0,9        |
| Dimmable:                    | NO         |
| Driver protections:          | OVP, SCP   |
| Overvoltage protection:      | 4kv        |
| Electrical insulation class: | Class I    |
| Connection:                  | L/N+TT     |

### **LUMINOUS DATA**

|                              |            |
|------------------------------|------------|
| Color temperature:           | 5700K      |
| Luminous efficiency:         | 145 lm/w   |
| Lumens:                      | 11600lm    |
| LED chip brand:              | Lumileds   |
| LED chip model:              | SMD 3030   |
| Number of LED chips:         | 200 pcs    |
| Beam angle:                  | 70°x140°   |
| Light distribution:          | Asymmetric |
| Color rendering index:       | >80        |
| Luminous maintenance factor: | L95B10     |

TECHNICAL DATA

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| Protection rating:     | IP66 (Dust-tight and protected against powerful water jets)                                            |
| Impact rating:         | IK08 (10J vandal-resistant)                                                                            |
| Operating temperature: | -20°~50°                                                                                               |
| Mounting type:         | Surface-mounted                                                                                        |
| Mounting method:       | Vertical mounting bracket for column installation<br>Horizontal mounting bracket for pole installation |
| Mounting device:       | Internal diameter D63.5 mm                                                                             |
| Tilt angle:            | 15°                                                                                                    |

AVERAGE LIFESPAN

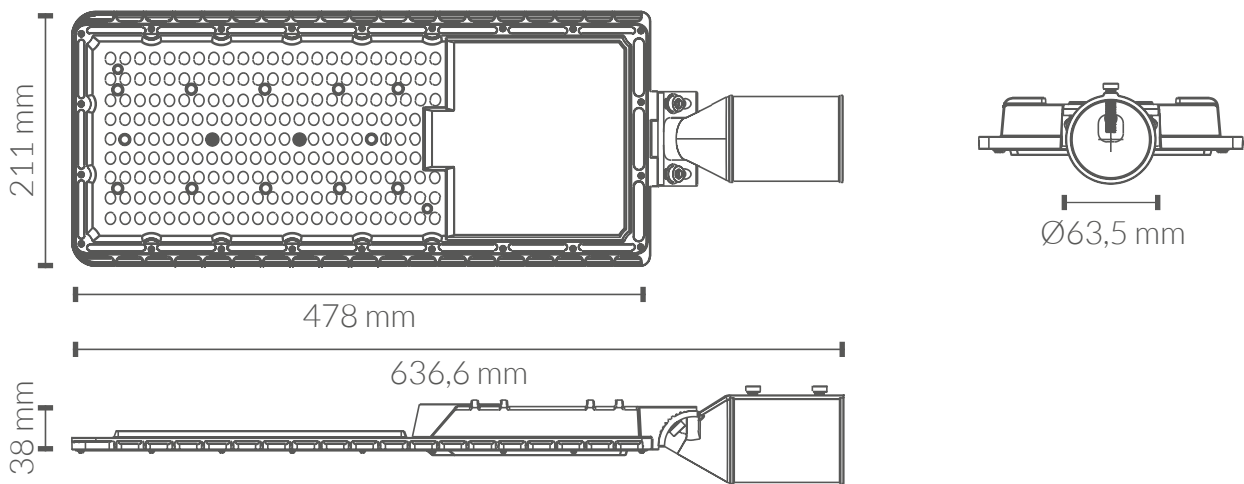
|                   |              |
|-------------------|--------------|
| Lifetime hours:   | 60000 hrs    |
| Switching cycles: | 40000 ON/OFF |

PHYSICAL DATA

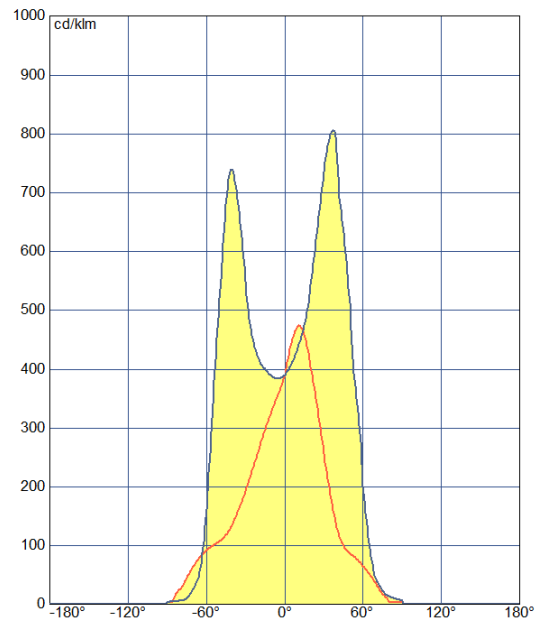
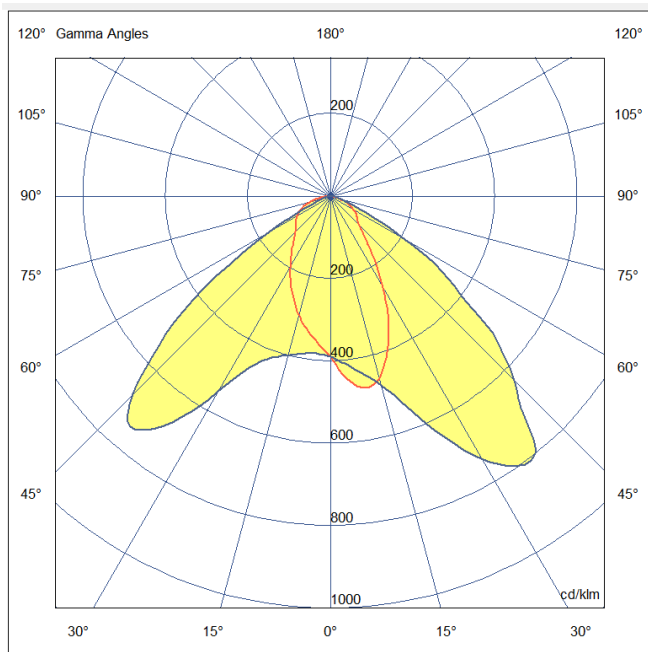
|                |                   |
|----------------|-------------------|
| Luminaire body |                   |
| Material:      | Injected aluminum |
| Finish:        | Light gray        |
| Lenses         |                   |
| Material:      | Polycarbonate     |
| Finish:        | Transparent       |

ENERGY EFFICIENCY 2023 (EU-2019/2015) D

DIMENSIONS



## LUMINOUS INTENSITY DISTRIBUTION CURVE



## CERTIFICATIONS

CE & ROHS

### EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY

- EN IEC 55015** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- EN 61547** Equipment for general lighting purposes - EMC immunity requirements.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
- EN 61000-3-3** Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

### LVD directive 2014/35/EU LOW VOLTAGE

- EN IEC60598-1** Luminaires - Part 1: General requirements and tests.
- EN 60598-2-3** Luminaires -- Part 2-3: Particular requirements - Luminaires for road and street lighting.
- EN 62031** Módulos LED para alumbrado general. Requisitos de seguridad.
- EN 62493** Assessment of lighting equipment related to human exposure to electromagnetic Field.

### RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Determination of Certain Substances in Electrotechnical Products.

CE RoHS