

7210070CW

TARTESSOS STREET LUMINAIRE **100W 5700K 70°X140°**

Street Luminaire for public lighting, TARTESSOS model, with 100W power and 14500lm 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:	7210070CW
Description:	Tartessos Street Luminaire for public lighting
EAN13 code:	8435724901340

ELECTRICAL DATA

Power:	100w
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:	14500lm
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 Horizontal mounting bracket for pole installation
Mounting device:	Internal diameter D63.5 mm
Tilt angle:	15°

AVERAGE LIFESPAN

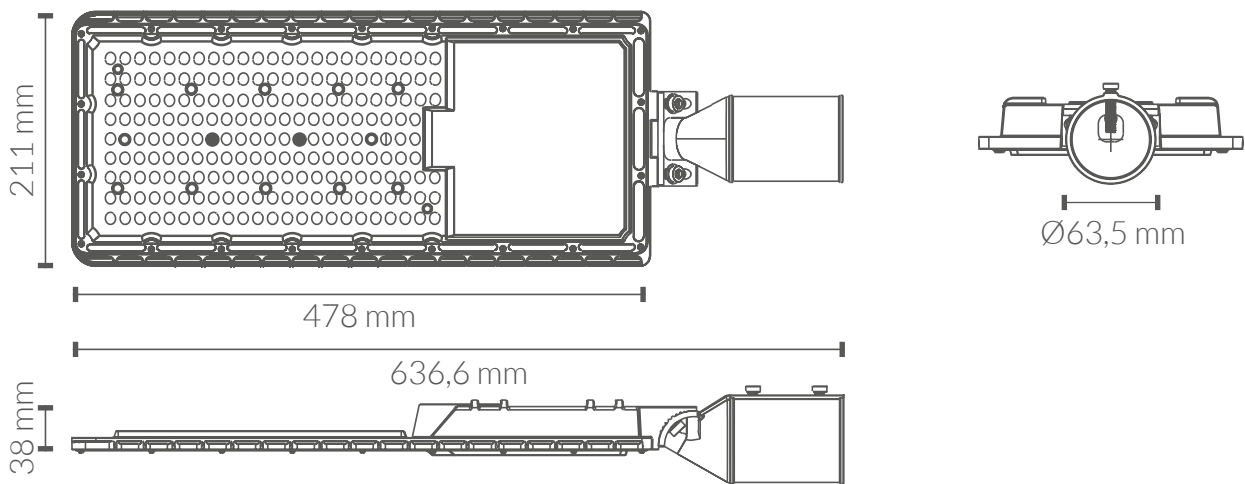
Lifetime hours:	60000 hrs
Switching cycles:	40000 ON/OFF

PHYSICAL DATA

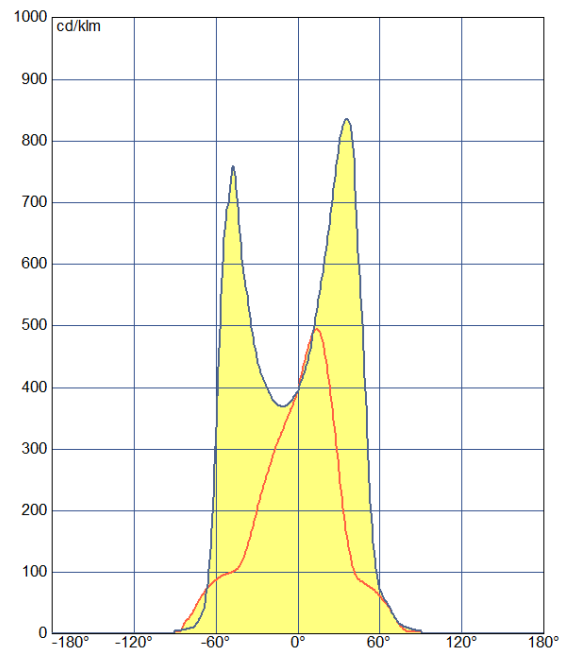
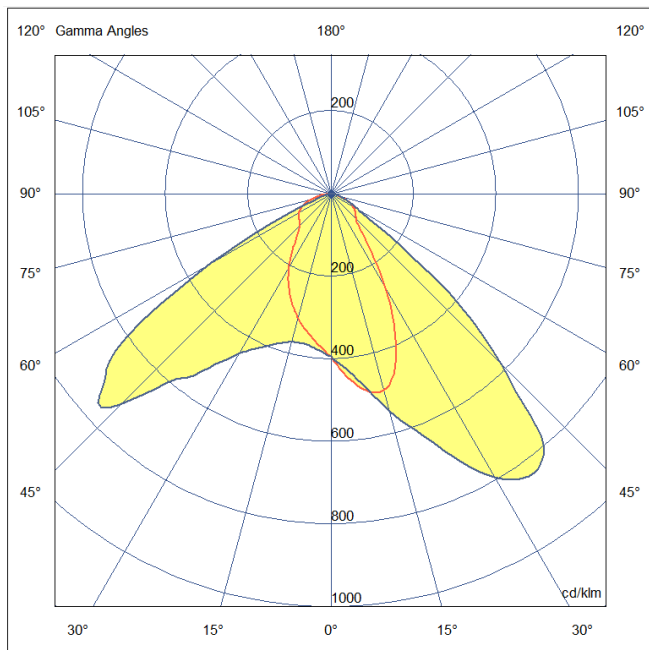
Luminaire body	
Material:	Injected aluminum
Finish:	Light gray
Lenses	
Material:	Polycarbonate
Finish:	Transparent

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.

