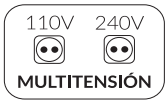
TECHNICAL DATA

755012SPA

CIVIS STREET LUMINAIRE W/ PHOTOCELL 60W PC AMBER – AMBER WHITE 120º





CIVIS street luminaire for public lighting with photocell. 50W power and 4250lm luminous flux. Equipped with 144 pcs Lumileds SMD3030 LED chips. Symmetrical 120º beam angle and PC Amber – Amber white color temperature. Protection rating IP66 and mechanical impact resistance rating IK09. Aluminium housing with textured black finish. Glass lenses. Column-mounted installation. Luminaire with IAC certification (Instituto de Astrofísica de Canarias).

PRODUCT SPECIFICATIONS

Item code:	**755012SPA**
Description:	**CIVIS street luminaire for public lighting**
EAN13 code:	

ELECTRICAL DATA

Power:	**50W**
Voltage:	**90/305vac**
Frequency:	**50/60 Hz**
Driver brand:	**MOSO**
Driver model:	**Serie X6**
ENEC driver certification:	**YES**
Power factor:	**0,9**
Dimmable:	**NOT**
Driver protections:	**OVP, SCP, OPP, OTP**
Overvoltage protection:	**6kv**
Surge protection option:	**10kv**
Electrical insulation class:	**Class I**
Connection:	**L/N+TT**

LUMINOUS DATA

Color temperature:	**PC Amber – Amber white**
Luminous efficiency:	**85 lm/w**
Lumens:	**4250lm**
LED chip brand:	**Lumileds**
LED chip model:	**SMD 3030**
Number of LED chips:	**144 pcs**
Beam angle:	**120º**
Luminous distribution:	**Symmetrical**
Color rendering index:	**>80**
Luminous flux maintenance:	**L90B10**

SENSOR DATA

Sensor type:	**Photocell**
Sensor model:	**NEMA 3-pin**
Work mode:	**Dusk-to-dawn ON/OFF**

TECHNICAL DATA

Protection rating:	**IP66 (Dust-tight and protected against powerful water jets)**
Impact rating:	**IK09 (10J vandal-resistant)**
Operating temperature:	**-20°~50°**
Mounting type:	**Columna**
Mounting method:	**Vertical position support for column mounting**

AVERAGE LIFESPAN

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

PHYSICAL DATA

Luminaire body

Material:	**Aluminum**
Finish:	**Textured black**

Optical

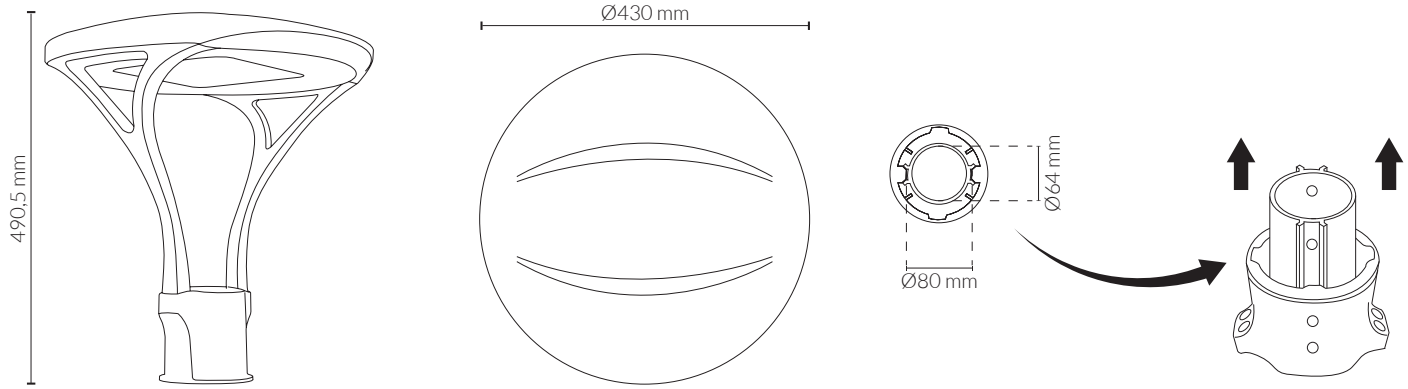
Material:	**Glass**
Finish:	**Transparent**

Weight

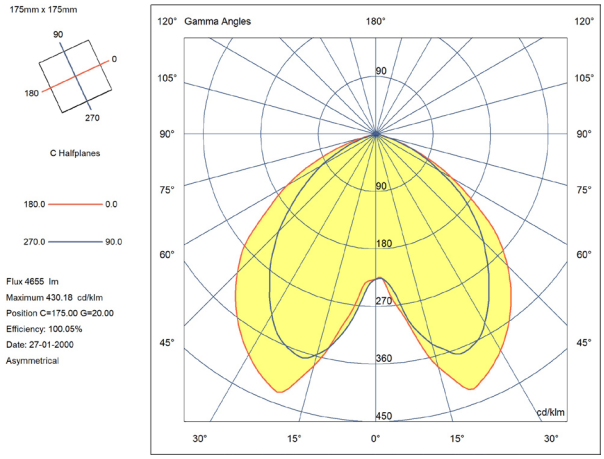
Weight:	**5,60 kg**

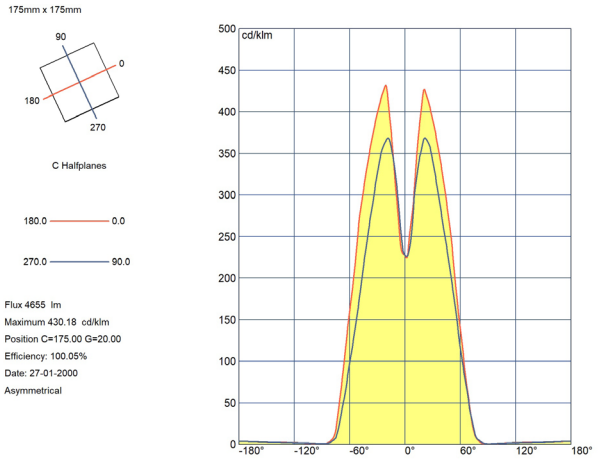
ENERGY EFFICIENCY 2023(UE-2019/2015) D

DIMENSIONS



LUMINOUS INTENSITY DISTRIBUTION CURVE





CERTIFICATIONS

CE & ROHS

EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILIT

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 IEC 60598-1	Luminaires - Part 1: General requirements and tests.
EN IEC 60598-2-1	Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires.
EN IEC 62031	LED modules for general lighting. Safety requirements.
EN 62493	Assessment of lighting equipment related to human exposure to electromagnetic fields.

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863
Determination of Certain Substances in Electrotechnical Products.

IEC 62321-3-1	**IEC 62321-4**
IEC 62321-5	**IEC 62321-6**
IEC 62321-7-1	**IEC 62321-7-2**
IEC 62321-8	

CE RoHS