TECHNICAL DATA

754012PADIM

CIVIS STREET LUMINAIRE DIMMABLE 40W PC AMBER – AMBER WHITE 120°

CIVIS dimmable street luminaire for public lighting. 40W power and 3400lm luminous flux. Equipped with 144 pcs Lumileds SMD3030 LED chips and MOSO X6 series dimmable driver. Symmetrical 120° 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.



PRODUCT SPECIFICATIONS

Item code:	754012PADIM
Description:	CIVIS street luminaire for public lighting
EAN13 code:	

ELECTRICAL DATA

Power:	40W
Voltage:	90/305vac
Frequency:	50/60 Hz
Driver brand:	MOSO
Driver model:	Serie X6
ENEC driver certification:	YES
Power factor:	0,9
Dimmable:	YES
Dimming system:	0-10vac, PWM, DIM TO OFF
Control method:	Offline programming
Timer:	YES
Driver Protection:	OVP, SCP, OPP, OTP
Overvoltage protection:	6kv
Overvoltage 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:	**3400lm**
LED chip brand:	**Lumileds**
LED chip model:	**SMD 3030**
Number of LED chips:	**144 pcs**
Beam angle:	**120°**
Luminous distribution:	**Symmetrical**
Color rendering index:	**>80**
Luminous flux maintenance:	**L90B10**

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:	**Column**
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

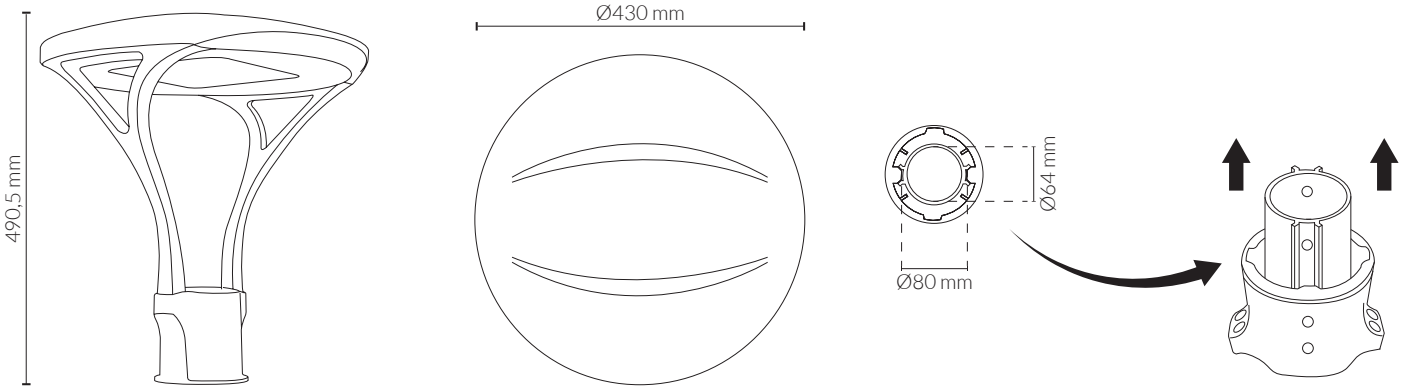
Material:	**Glass**
Finish:	**Transparent**

Weight

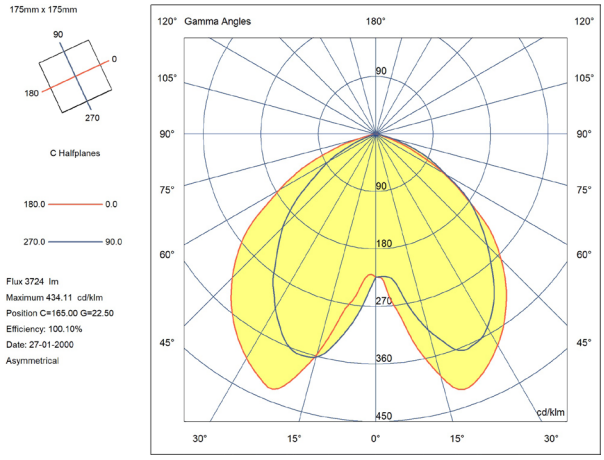
Weight:	**5,50 kg**

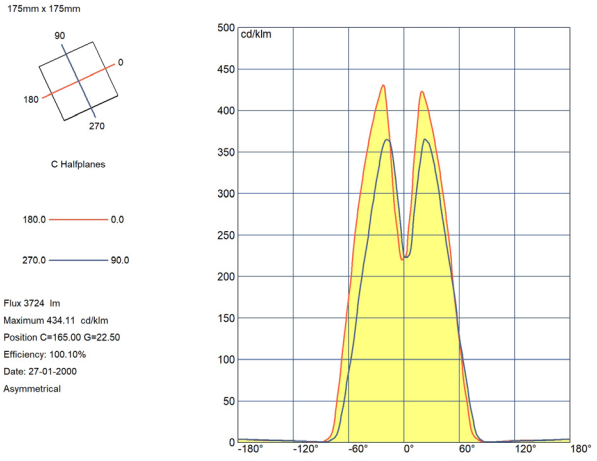
ENERGY EFFICIENCY 2023(UE-2019/2015) D

DIMENSIONS



LUMINOUS INTENSITY DISTRIBUTION CURVE





CERTIFICAÇÕES

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