

TECHNICAL DATA SHEET



704090PC

LUXOR STREET MODULE 40W PC AMBER 90°

Luxor module for Villa street luminaires. 40W power and 4600lm luminous flux. Equipped with 64 pcs Lumileds SMD2835 LED chips and MOSO driver. Symmetrical 90° beam angle and PC Amber colour temperature. Protection rating IP66 and mechanical impact resistance rating IK08. Aluminium and steel plate with black finish, customisable. Polycarbonate lenses. IP67 connector included.



PRODUCT SPECIFICATIONS

Item code:	704090PC
Description:	Luxor Street Module for public lighting
EAN13 code:	8435724904402

ELECTRICAL DATA

Power:	40w
Voltage:	90-305vac
Hertz:	50/60 Hz
Driver brand:	MOSO
Driver model:	Serie X6
ENEC 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
Luminous efficiency:	115 lm/w
Lumens:	4600lm
LED chip brand:	Lumileds
LED chip model:	SMD 2835
Number of LED chips:	64 pcs

Beam angle:	90°
Light distribution:	Symmetric
Color rendering index:	>80
Luminous maintenance factor:	L95D10

TECHNICAL DATA

Protection rating:	IP66 (Dust-tight and protected against powerful water jets)
Impact rating:	IK08
Operating temperature:	-20°~50°
Mounting type:	Surface
Mounting method:	Mounting in Villa housing

AVERAGE LIFESPAN

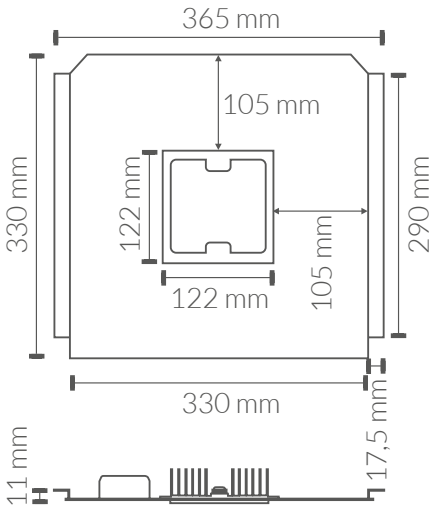
Lifetime hours:	60000 hrs
Switching cycles:	40000 ON/OFF

PHYSICAL DATA

Luminaire body	
Material:	Aluminum and steel
Finish:	Black
Lenses	
Material:	Polycarbonate
Finish:	Transparent
Weight	
Weight:	0,52 kg

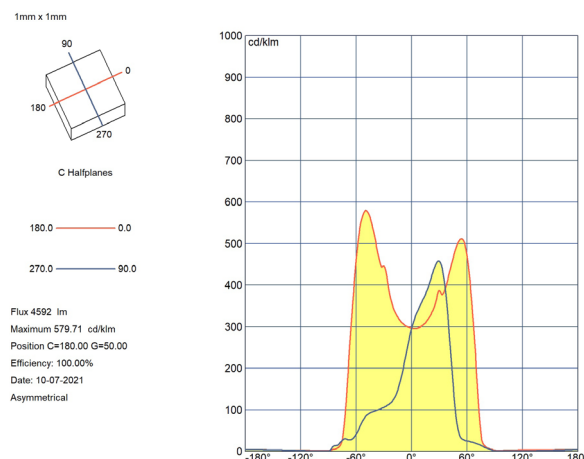
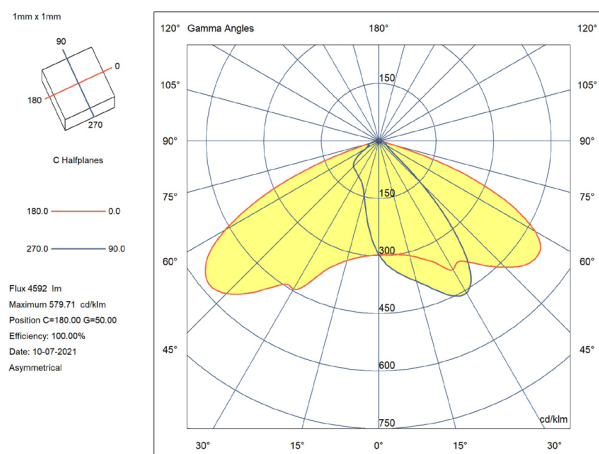
ENERGY EFFICIENCY 2023 (EU-2019/2015)	D
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DIMENSIONS



Customizable plate.

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 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.
- EN 61547** Equipment for general lighting purposes - EMC immunity requirements.

LVD directive 2014/35/EU LOW VOLTAGE

- EN IEC60598-1** Luminaires - Part 1: General requirements and tests.
- EN IEC 60598-2-1** Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires.

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

Determination of Certain Substances in Electrotechnical Products.

IEC 62321-4

IEC 62321-5

IEC 62321-6

IEC 62321-7-2

IEC 62321-8

