

705090CWR

LUXOR DIMMABLE STREET MODULE 50W 5700K 90°

Dimmable Luxor street module for Villa series luminaires. 50W power and 6500lm luminous flux. Equipped with 64 pcs Lumileds SMD2835 LED chips and MOSO PHC-60 series driver. Symmetrical optical beam angle of 90° and color temperature of 5700K. Protection rating IP66 and impact resistance rating IK08. Aluminum and steel plate with black finish, customizable. Polycarbonate lenses. Includes IP67 connector.



PRODUCT SPECIFICATIONS

Item code:	705090CWR
Description:	Luxor Street Module for public lighting
EAN13 code:	8436568446318

ELECTRICAL DATA

Power:	50w
Voltage:	90-305vac
Frequency:	50 Hz
Power factor:	0,9
Dimmable:	YES
Driver model:	MOSO PHC-60 Series
Dimming:	0-10vac, PWM, DIM TO OFF, Temporizador
Control method:	Offline programming
Timer:	YES
Driver protections:	OVP, SCP, OTP
Overvoltage protection:	6kv
Surge protection option:	10kv
Electrical insulation class:	CLASS I
Connection:	L/N+TT

LUMINOUS DATA

Color temperature:	5700K
Luminous efficiency:	130 lm/w
Lumens:	6500lm
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:	L95B10

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

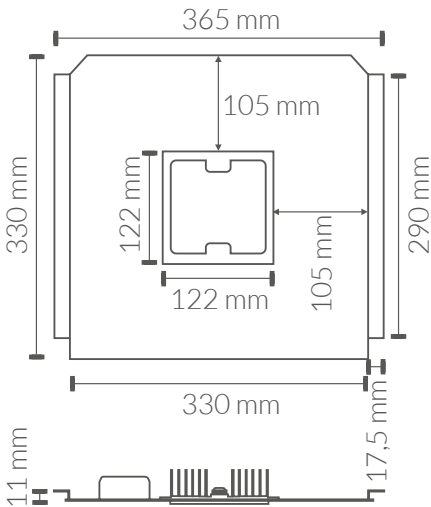
Lifetime hours:	60000 hrs
Switching cycles:	40000 ON/OFF

PHYSICAL DATA

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

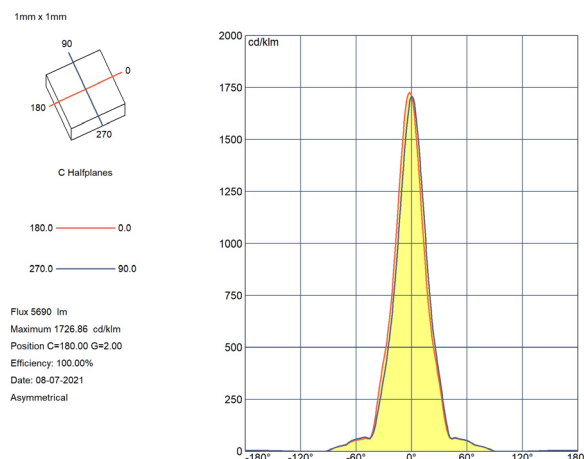
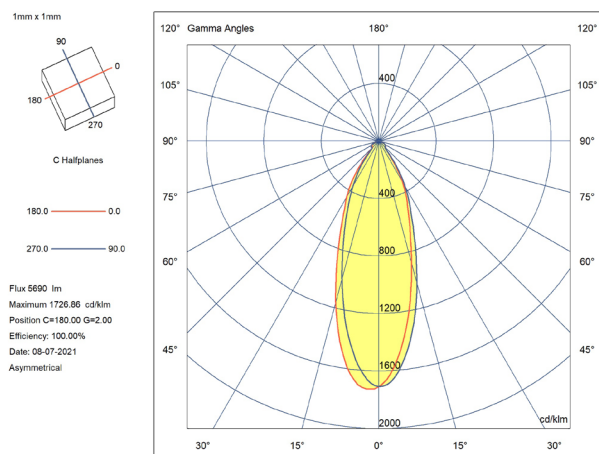
ENERGY EFFICIENCY 2023 (EU-2019/2015)	D
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DIMENSIONS



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

