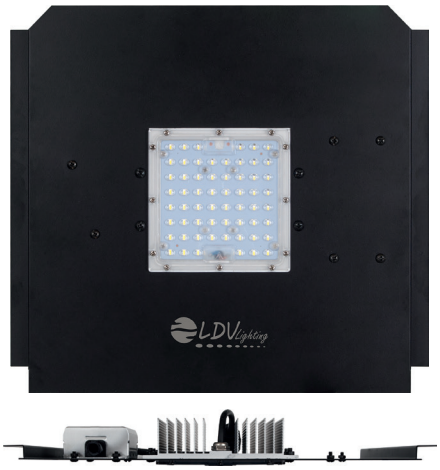
TECHNICAL DATA SHEET

704090PAR



LUXOR DIMMABLE STREET MODULE 40W 90° PC AMBER – AMBER WHITE

Luxor dimmable module for Villa street luminaires. 40W power and 3400lm luminous flux. Equipped with 64 pcs Lumileds SMD2835 LED chips and MOSO dimmable driver. Symmetrical 90° beam angle and PC Amber – Amber white colour temperature. Protection rating IP66 and mechanical impact resistance rating IK08. Aluminium and steel plate with black finish, customisable. Polycarbonate lenses. IP67 connector included.

110V 240V
MULTITENSIÓN

PRODUCT SPECIFICATIONS

Item code:	**704090PAR**
Description:	**Luxor Street Module for public lighting**
EAN13 code:	

ELECTRICAL DATA

Power:	**40w**
Voltage:	**90-305vac**
Frequency:	**50/60 Hz**
Power factor:	**0,9**
Dimmable:	**YES**
Driver model:	**Serie X6**
Dimming:	**0-10vac, PWM, DIM TO OFF, Temporizador**
Control method:	**Offline programming**
Timer:	**YES**
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:	**3400lm**
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

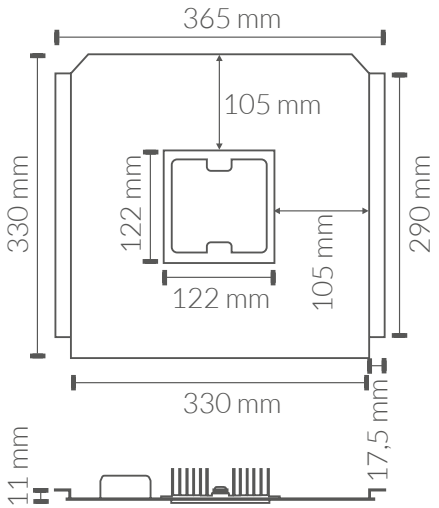
Material:	**Polycarbonate**
Finish:	**Transparent**

Weight

Weight:	**0,52 kg**

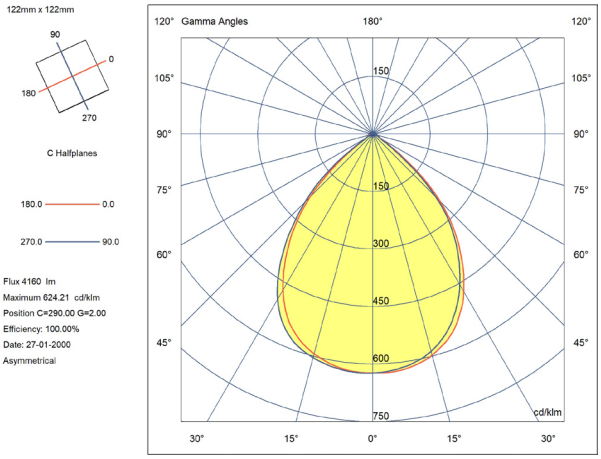
ENERGY EFFICIENCY 2023 (EU-2019/2015) D

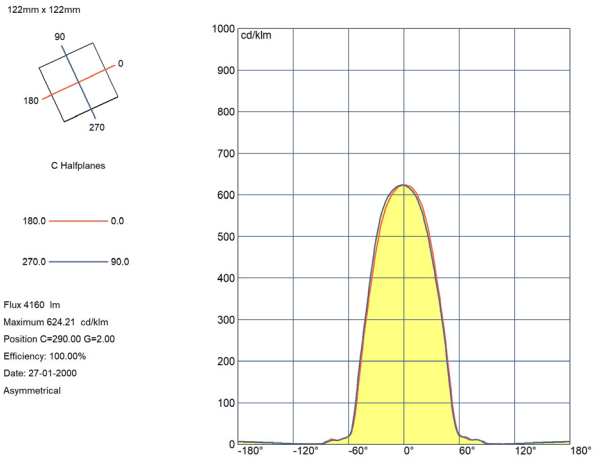
DIMENSIONS



Customizable plate.

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 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

CE RoHS