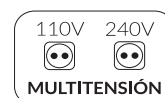
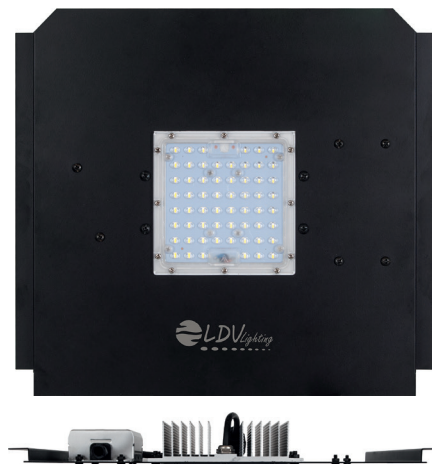


## 705090AMR

### LUXOR DIMMABLE STREET MODULE 50W 2200K 90°

Dimmable Luxor street module for Villa series luminaires. 50W power and 6200lm 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 2200K. 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:   | 705090AMR                               |
| Description: | Luxor Street Module for public lighting |
| EAN13 code:  | 8436568446349                           |

#### 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:   | 2200K    |
| Luminous efficiency: | 124 lm/w |
| Lumens:              | 6200lm   |
| 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

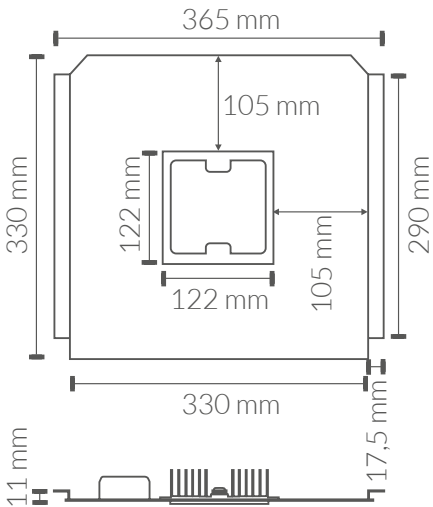
|                   |              |
|-------------------|--------------|
| Lifetime hours:   | 60000 hrs    |
| Switching cycles: | 40000 ON/OFF |

### PHYSICAL DATA

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

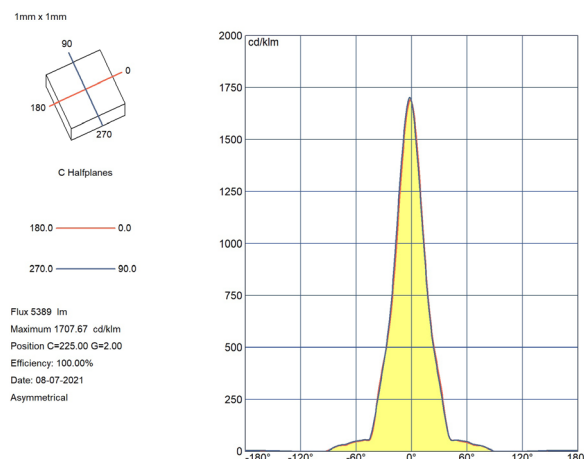
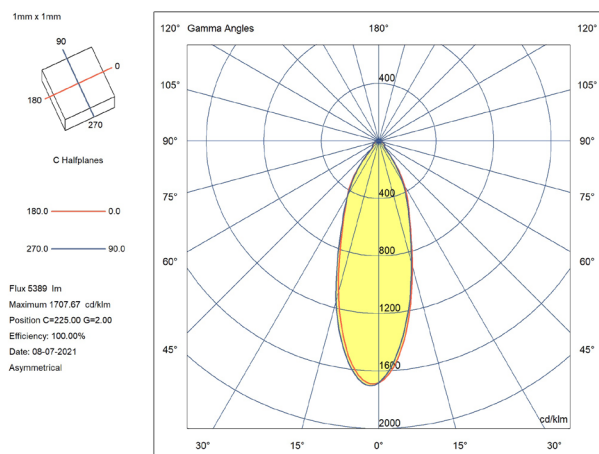
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|---------------------------------------|---|
| ENERGY EFFICIENCY 2023 (EU-2019/2015) | D |
|---------------------------------------|---|

### 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  $\leq 16$  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

