

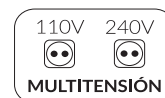
# TECHNICAL DATA



**735070WW**

## URBAN VILLA LUMINAIRE 50W 3000K 70°X140°

Villa Street Luminaire for public lighting. 50W power and 6300lm luminous flux. Equipped with 64 pcs Lumileds SMD2835 LED chips and MOSSO driver. Asymmetrical 70° × 140° beam angle and 3000K colour temperature. Protection rating IP66 and mechanical impact resistance rating IK08. Die-cast aluminium housing with black finish, high-temperature epoxy coating. Polycarbonate lenses.



### PRODUCT SPECIFICATIONS

|              |                                             |
|--------------|---------------------------------------------|
| Item code:   | 735070WW                                    |
| Description: | Villa Street Luminaire for public lighting. |

### ELECTRICAL DATA

|                              |                    |
|------------------------------|--------------------|
| Power:                       | 50w                |
| Voltage:                     | 90-305vac          |
| Frequency:                   | 50/60 Hz           |
| Driver brand:                | MOSSO              |
| Driver model:                | Serie X6           |
| Driver ENEC certified:       | 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:   | 3000K      |
| Luminous efficiency: | 126 lm/w   |
| Lumens:              | 6300lm     |
| LED chip brand:      | Lumileds   |
| LED chip model:      | SMD 2835   |
| N.º of LED chip:     | 64 pcs     |
| Beam angle:          | 70°x140°   |
| Light distribution:  | Asymmetric |

|                            |        |
|----------------------------|--------|
| Color rendering index:     | >80    |
| Luminous flux maintenance: | L95B10 |

### TECHNICAL DATA

|                        |                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Protection rating:     | IP66 (dust-tight equipment and protected against powerful water jets)                                                                       |
| Impact rating:         | IK08                                                                                                                                        |
| Operating temperature: | -20°~50°                                                                                                                                    |
| Mounting type:         | Surface                                                                                                                                     |
| Mounting method:       | Mounting on arm or pole                                                                                                                     |
| Mounting accessory:    | For installation on a column, the use of the specific pole mounting bracket (Ref. 74SOPORTE1) is required, not included with the luminaire. |

### AVERAGE LIFESPAN

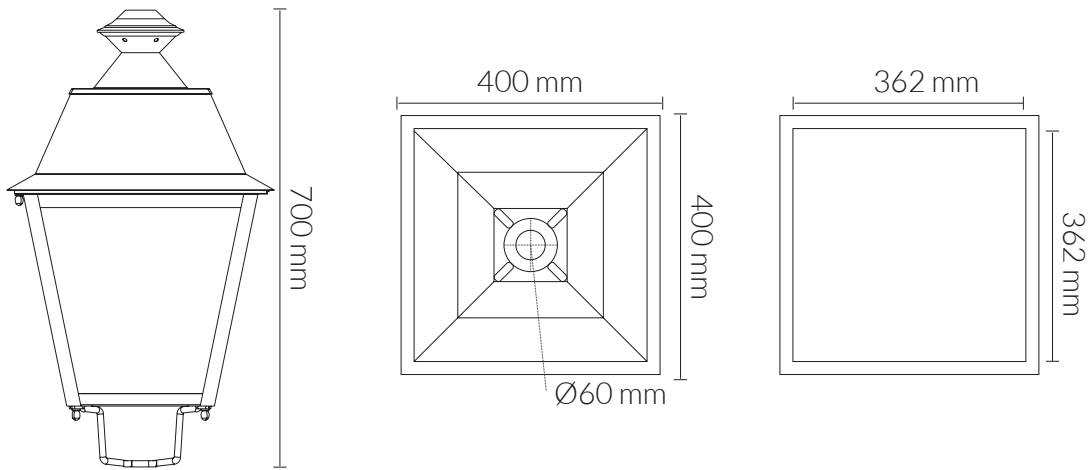
|                   |              |
|-------------------|--------------|
| Lifetime hours:   | 60000 hrs    |
| Switching cycles: | 40000 ON/OFF |

### PHYSICAL DATA

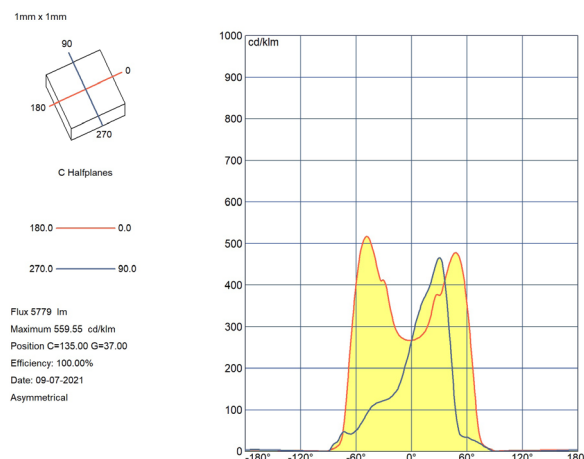
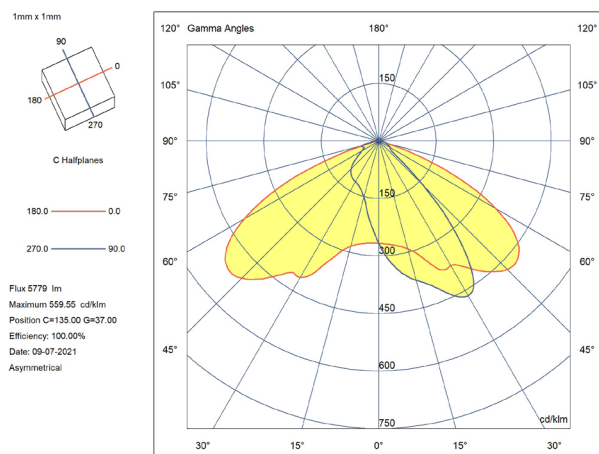
|                 |                                      |
|-----------------|--------------------------------------|
| <b>Housing</b>  |                                      |
| Material:       | Die-cast aluminium                   |
| Finish:         | Black - high-temperature epoxy paint |
| <b>Diffuser</b> |                                      |
| Material:       | Polycarbonate                        |
| Finish:         | Transparent                          |
| <b>Weight</b>   |                                      |
| Weight:         | 11,50 kg                             |

|                                             |          |
|---------------------------------------------|----------|
| <b>ENERGY EFFICIENCY 2023(UE-2019/2015)</b> | <b>D</b> |
|---------------------------------------------|----------|

### DIMENSIONS



## CURVA DE DISTRIBUCIÓN DE INTENSIDAD LUMINOSA



## 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

