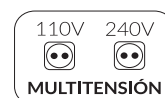


**71403070WW**

## **GADIR STREET LUMINAIRE 40W 2700K 70°X150°**

Gadir Street Luminaire for public lighting, 40W power and 5640lm luminous flux. Equipped with 96 pcs Lumileds SMD2835 LED chips and driver with 90-305vac input voltage. Asymmetrical 70° × 150° beam angle and 2700K colour temperature. Protection rating IP66 and mechanical impact resistance rating IK08 vandal-resistant. Die-cast aluminium body with RAL 9007 grey finish. Polycarbonate lenses. Adjustable mounting arm for installation on poles or columns.



### **PRODUCT SPECIFICATIONS**

|              |                                            |
|--------------|--------------------------------------------|
| Item code:   | 71403070WW                                 |
| Description: | Street luminaire for public lighting Gadir |
| EAN13 code:  | 8436568447360                              |

### **ELECTRICAL DATA**

|                                   |                    |
|-----------------------------------|--------------------|
| Power:                            | 40w                |
| Voltage:                          | 90-305vac          |
| Hertz:                            | 50/60 Hz           |
| Driver brand:                     | MOSO               |
| Driver model:                     | Serie X6           |
| ENEC Certification of the driver: | YES                |
| Power factor:                     | 0,9                |
| Dimmable:                         | NOT                |
| Driver protections:               | OVP, SCP, OPP, OTP |
| Overvoltage protection:           | 6kv                |
| Overvoltage Option:               | 10kv               |
| Electrical insulation class:      | Class I            |
| Connection:                       | L/N+TT             |

### **LUMINOUS DATA**

|                      |          |
|----------------------|----------|
| Color temperature:   | 2700K    |
| Luminous efficiency: | 141 lm/w |
| Lumens:              | 5640lm   |
| LED chip brand:      | Lumileds |
| LED chip model:      | SMD 2835 |
| Number of LED chips: | 96 pcs   |
| Beam angle:          | 70°x150° |

|                              |            |
|------------------------------|------------|
| Light distribution:          | Asimétrica |
| Color rendering index:       | >80        |
| Luminous maintenance factor: | L95B10     |

TECHNICAL DATA

|                        |                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------|
| Protection rating:     | IP66 (dust-tight equipment and protected against powerful water jets)                                |
| Impact rating:         | IK08 (5J vandal-resistant)                                                                           |
| Operating temperature: | -20°~50°                                                                                             |
| Mounting type:         | Surface                                                                                              |
| Mounting method:       | Vertical mounting bracket for pole installation<br>Horizontal mounting bracket for pole installation |
| Mounting device:       | Internal diameter D62 mm                                                                             |
| Tilt angle:            | 15°                                                                                                  |

AVERAGE LIFESPAN

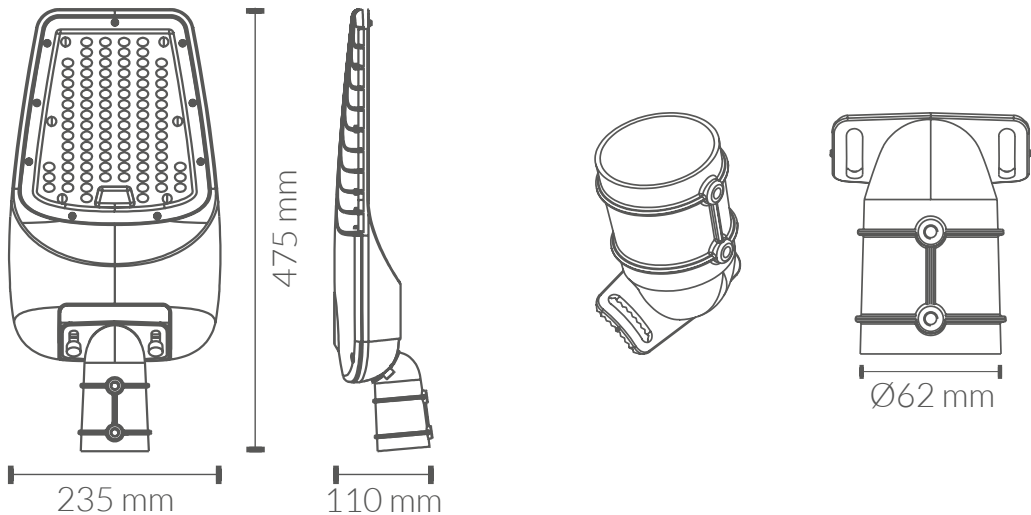
|                   |              |
|-------------------|--------------|
| Lifetime hours:   | 60000 hrs    |
| Switching cycles: | 40000 ON/OFF |

PHYSICAL DATA

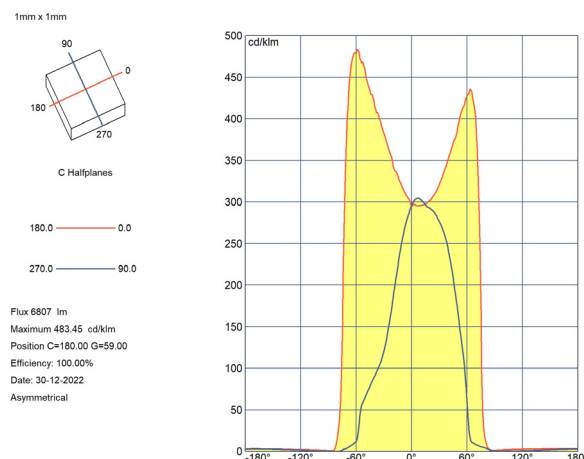
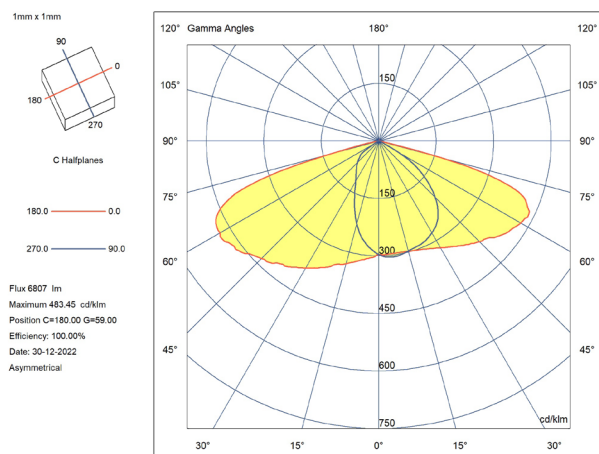
|                |                   |
|----------------|-------------------|
| Luminaire body |                   |
| Material:      | Die-cast aluminum |
| Finish:        | Grey - RAL 9007   |
| Lenses         |                   |
| Material:      | Polycarbonate     |
| Finish:        | Transparent       |
| Weight         |                   |
| Weight:        | 2,10 kg           |

ENERGY EFFICIENCY 2023 (EU-2019/2015) D

DIMENSIONS



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

### LVD directive 2014/35/EU LOW VOLTAGE

- EN IEC60598-1** Luminaires - Part 1: General requirements and tests
- EN 60598-2-5** Luminaires - Part 2-5: Particular requirements - Floodlights

### 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

