# TECHNICAL DATA

## 711003070PAR

## GADIR STREET LUMINAIRE DIMMABLE 100W 70°X150° PC AMBER – AMBER WHITE

Gadir dimmable Street Luminaire for public lighting, 100W power and 8500lm luminous flux. Equipped with 192 pcs Lumileds SMD2835 LED chips and MOSO X6 dimmable driver. Asymmetrical 70° × 150° beam angle and PC Amber – Amber white 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.



110V 240V
MULTITENSIÓN

### PRODUCT SPECIFICATIONS

| | |
|---|---|
| Item code: | **711003070PAR** |
| Description: | **Street luminaire for public lighting Gadir** |
| EAN13 code: | |

### ELECTRICAL DATA

| | |
|---|---|
| Power: | **100w** |
| Voltage: | **90-305vac** |
| Frequency: | **50/60 Hz** |
| Power factor: | **0,9** |
| Dimmable: | **YES** |
| Driver model: | **MOSO** |
| Dimming: | **0-10vac, PWM, DIM TO OFF** |
| 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: | **8500lm** |
| LED chip brand: | **Lumileds** |
| LED chip model: | **SMD 2835** |
| Number of LED chips: | **192 pcs** |

| | |
|---|---|
| Beam angle: | **100°x130°** |
| Light distribution: | **Asymmetric** |
| Color rendering index: | **>80** |
| Luminous maintenance factor: | **L95B10** |

## TECHNICAL DATA

| | |
|---|---|
| Protection rating: | **IP66 (Dust-tight and protected against powerful water jets)** |
| Impact rating: | **IK08 (5J vandal-resistant)** |
| Operating temperature: | **-20°~50°** |
| Mounting type: | **Surface** |
| Mounting method: | **Vertical position support for column mounting**<br>**Horizontal position support for pole mounting** |
| Mounting device: | **Inner 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

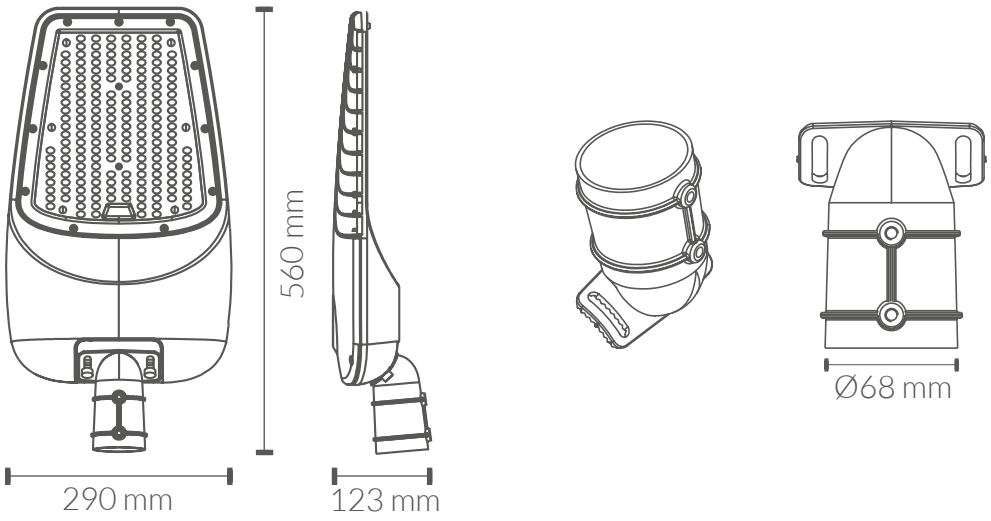
| | |
|---|---|
| Material: | **Polycarbonate** |
| Finish: | **Transparent** |

### Weight

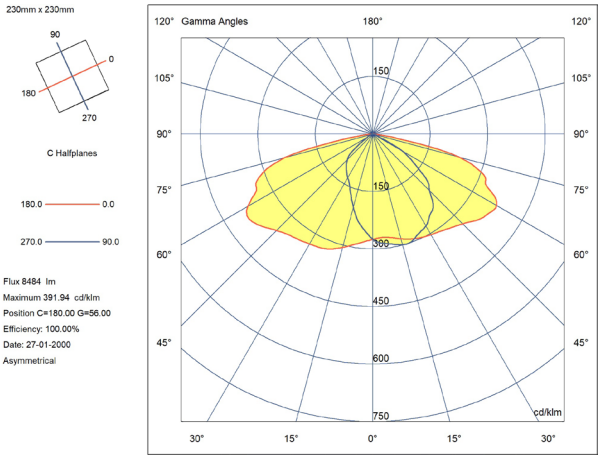
| | |
|---|---|
| Weight: | **3,80 kg** |

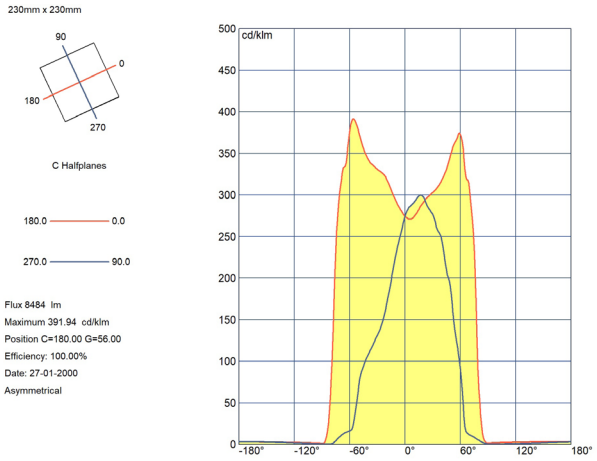
## ENERGY EFFICIENCY 2023 (EU-2019/2015) D

## DIMENSIONS



## 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 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**

CE RoHS