

711003010CWR

GADIR STREET LUMINAIRE DIMMABLE 100W 5700K 100°X130°

Street luminaire for public lighting, Gadir model, dimmable, 100W power and 14500 lm luminosity. Equipped with 192pcs Lumileds SMD2835 LED chips and MOSO dimmable driver X6 series. Asymmetric optical aperture of 100°x130° and color temperature of 5700K. Protection rating against external elements IP66 and mechanical impact resistance rating IK08 vandal-resistant. Die-cast aluminum body with RAL 9007 grey finish. Polycarbonate lenses. Adjustable arm for installation on a pole or column.



PRODUCT SPECIFICATIONS

Item code:	711003010CWR
Description:	Street luminaire for public lighting Gadir
EAN13 code:	8436568447889

ELECTRICAL DATA

Power:	100w
Voltage:	90-305vac
Frequency:	50/60 Hz
Power factor:	0,9
Dimmable:	YES
Driver model:	MOSO X6 series
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:	5700K
Luminous efficiency:	145 lm/w
Lumens:	14500lm
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 Horizontal position support for pole mounting
Mounting device:	Inner diameter D68 mm
Tilt angle:	15°

AVERAGE LIFESPAN

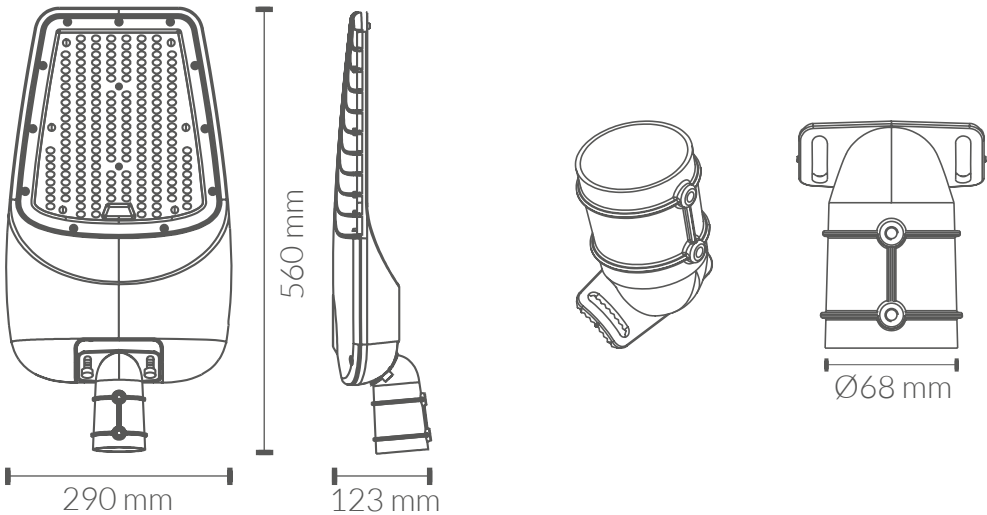
Lifetime hours:	60000 hrs
Switching cycles:	40000 ON/OFF

PHYSICAL DATA

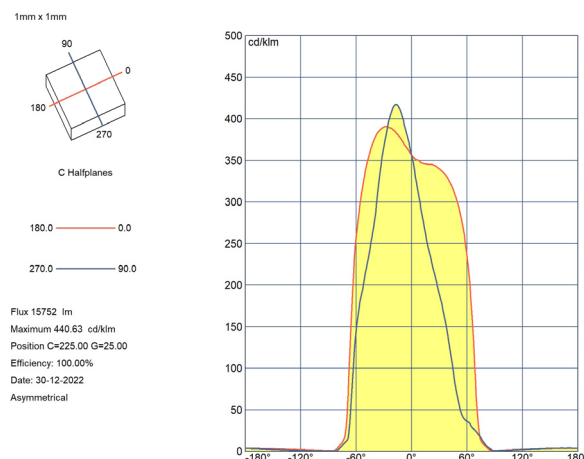
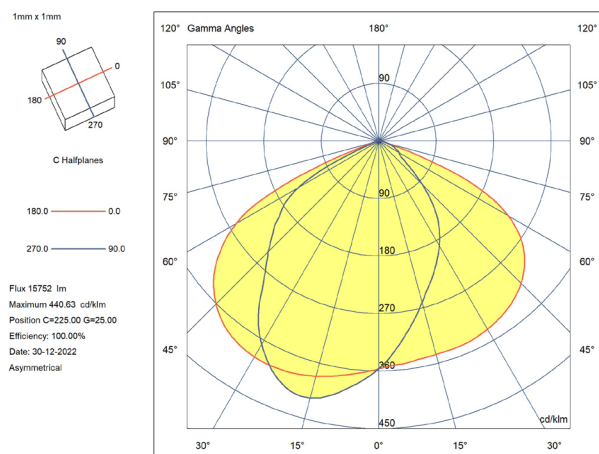
Luminaire body	
Material:	Die-cast aluminum
Finish:	Grey - RAL 9007
Lenses	
Material:	Polycarbonate
Finish:	Transparent
Weight	
Weight:	3,80 kg

ENERGY EFFICIENCY 2023 (EU-2019/2015)	D
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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

