

6815050CW

LED WATERPROOF FIXTURE 50W 1500MM 5700K

LED waterproof fixture. 50W power and 7500lm luminous flux. Symmetrical 120° beam angle and 5700K colour temperature. Protection rating IP67 and mechanical impact resistance rating IK08. ABS base and opal polycarbonate diffuser.



PRODUCT SPECIFICATIONS

Item code:	6815050CW
Description:	LED waterproof fixture
EAN13 code:	8436568444734

ELECTRICAL DATA

Power:	50w
Voltage:	110-260vac
Frequency:	50-60Hz
Power factor:	0,9
Dimmable:	NOT
Electrical insulation class:	CLASS II
Connection:	L/N

LUMINOUS DATA

Color temperature:	5700K
Luminous efficiency:	150 lm/w
Lumens:	7500lm
LED chip model:	SMD 2835
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Color rendering index (Minimum value):	80
Color rendering index (Maximum value):	83
Standard desviation of colour matching:	<6
Luminous maintenance factor:	L95B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4
Flicker free:	YES

TECHNICAL DATA

Protection rating:	IP67 (dust-tight and protected against temporary immersion in water up to 1m depth for 30 minutes)
Impact rating:	IK08 (5J)
Operating temperature:	-20°~50°
Mounting type:	Surface

AVERAGE LIFESPAN

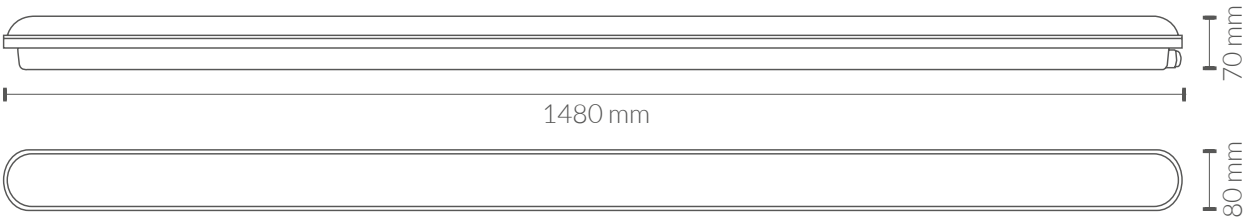
Working hours:	45000 hrs
Switching cycles:	35000 ON/OFF

PHYSICAL DATA

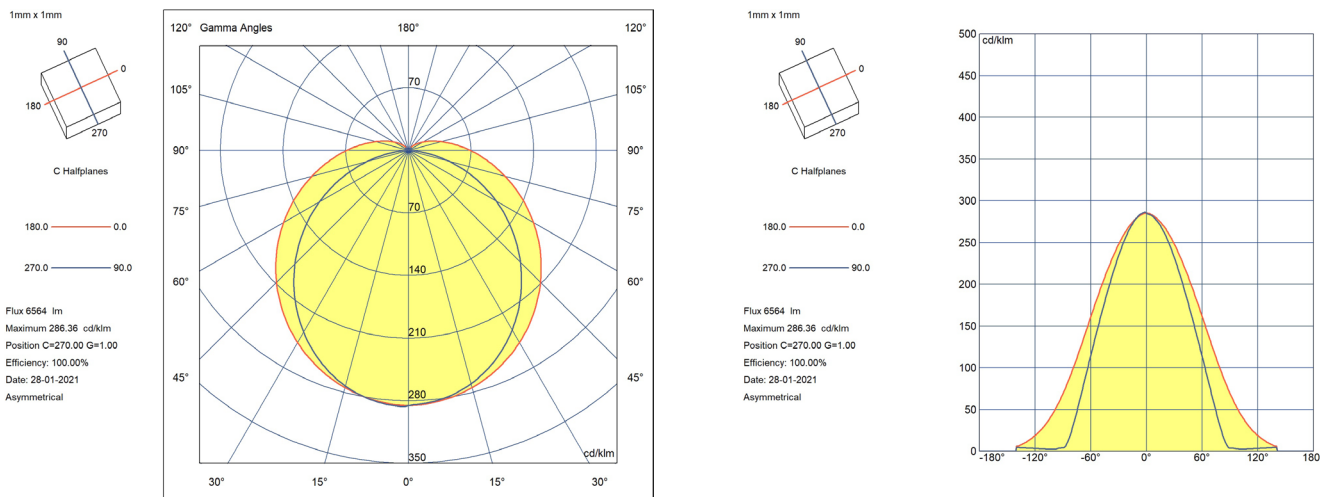
Housing	
Material:	ABS
Finish:	Gray
Diffuser	
Material:	Polycarbonate
Finish:	Opal
Weight	
Weight:	1,70 kg

ENERGY EFFICIENCY 2023(UE-2019/2015)	E
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DIMENSIONS



LUMINOUS INTENSITY DISTRIBUTION CURVE



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 IEC 60598-2-1** Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires
- EN IEC 60598-1** Luminaires - Part 1: General requirements and tests.
- EN 62493** Assessment of lighting equipment related to human exposure to electromagnetic Field

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Determination of certain substances in electrotechnical products.

- IEC 62321-3-1** **IEC 62321-5**
- IEC 62321-7** **EN ISO 17075-1**
- IEC 62321-4** **IEC 62321-7-1**
- IEC 62321-6** **IEC 62321-8**

