pluxb

IP66 IK08

CATER

LED LM - 80 FLICKER FREE





Description:

CATER is designed for durable and efficient outdoor architectural lighting, this flexible wall washer features a robust die-cast aluminum housing with a fluorine-sprayed surface for excellent shock resistance and corrosion protection.
Each section features 3 LEDs and can be connected with additional sections to achieve different wattages. The total wattage increases according to the number of sections used.
An imported anti-aging rubber seal ensures reliable waterproofing, while the transparent tempered glass cover provides high light transmission, durability, and resistance to breakage.
Available in Metallic Gray (RAL 9023) with a high-gloss liquid coating and high-temperature baking finish, the fixture also offers a 50µm liquid coating for enhanced durability or a 120µm RAL 7011 metallic grey powder coating for superior UV protection.
With a THD of less than 10%, a power factor greater than 0.9, and optional C5 marine-grade coating, this flexible wall washer is a reliable solution for illuminating building facades, exterior walls, architectural features, and other outdoor environments.

Product Specifications:

Housing : Die cast aluminum
Coating: Powder Coating
Glass : Tempered Glass
Light Source: Osram / Cree
Gasket: Molding shaped silicone seal
Lens/Reflector : Optical lens (efficiency>90%)
Power Cable: 0.5 mt. power cable included
Driver : High efficiency, low flicker driver
Installation Type: Surface Mounted
Adjustable: Yes

Technical Specifications:

Wattage: 12 - 90W
Voltage: DC24V / 220 - 240VAC
Frequency: 50-60Hz
Led Quantity : 3 - 18 Leds
Lumen: Single Color (3000K) - 80lm/W
Mac Adam: 3 Step
Safety Class: III
Working Temperature:-25°C to 55°C
Life Time: 50,000hrs (L80/B10) at 35°C
Warranty: 5 Years

Parameter:

Wattage(W)	:	12W / 15W / 24W / 30W / 36W / 45W / 60W / 75W / 90W
Finish	:	Black (B) / White (W) / Grey (G) / Customized (C)
Kelvin*	:	2700K / 3000K / 4000K / 6000K
Beam Angle	:	6°/ 12°/ 20°/ 30°/ 45°/ 60°/ 10*70°/ 5*20°
CRI	:	80+ 90+
Control Mode	:	ON/OFF DALI
Types	:	Type A / Type B / Type C / Type D / Type E / Type F

**Lumen values are calculated at 45° beam angle, 4000K color temperature and CRI 80.

Standards

EN 60598-1
EN 60598-2-2
EN 60598-3-2
EN 60598-3-3

Order Code:

Product Code	Wattage	CCT	Voltage(DC)	Beam Angle	Finish	Control Mode
5425665	12 - 12W (1*3Leds)	27-2700K	D-24VDC	06 - 6°	B - Black	1-ON/OFF
	15 - 15W (1*3Leds)	30-3000K		12-12°	W - White	2-DALI
	24 - 24W (2*6Leds)	40-4000K		20 - 20°	G - Grey	
	30 - 30W (2*6Leds)	60-6000K		30 - 30°	C-Customize	
	36 - 36W (3*9Leds)			45 - 45°		

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

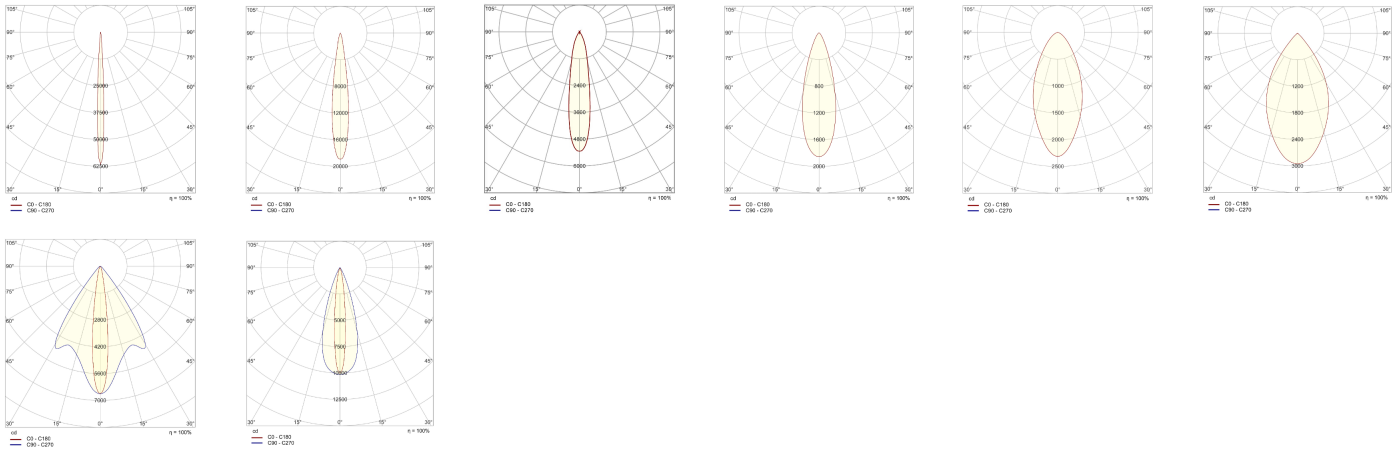
	45 - 45W (3*9Leds)			60 - 60°		
	60 - 60W (4*12Leds)			10*70 - 10*70°		
	75 - 75W (5*15Leds)			5*20 - 5*20°		
	90 - 90W (6*18Leds)					

Ex: Order Code: 54256651227D'06B1

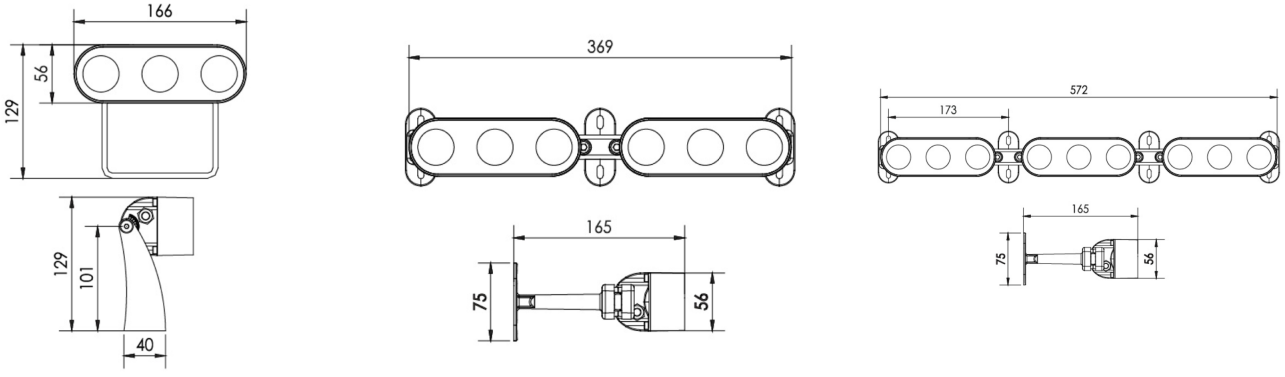
Product Code	Wattage	CCT	Voltage(AC)	Beam Angle	Finish	Control Mode
5425665	12 - 12W (1*3Leds)	27-2700K	A - 100 - 240VAC	06 - 6°	B - Black	1-ON/OFF
	15 - 15W (1*3Leds)	30-3000K		12-12°	W - White	2-DALI
	24 - 24W (2*6Leds)	40-4000K		20 - 20°	G - Grey	
	30 - 30W (2*6Leds)	60-6000K		30 - 30°	C-Customize	
	36 - 36W (3*9Leds)			45 - 45°		
	45 - 45W (3*9Leds)			60 - 60°		
	60 - 60W (4*12Leds)			10*70 - 10*70°		
	75 - 75W (5*15Leds)			5*20 - 5*20°		
	90 - 90W (6*18Leds)					

Ex: Order Code: 54256651227A'06B1

Photometric:



Types:

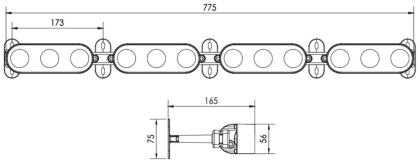


Type A

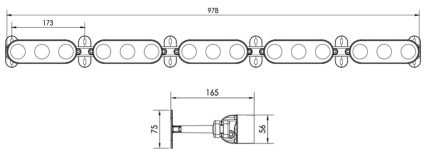
Type B

Type C

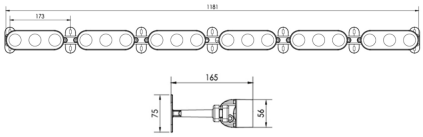
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Type D



Type E



Type F

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C