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 - 144W
Voltage: DC24V
Frequency: 50-60Hz
Led Quantity : 3 - 18 Leds
Lumen: RGBW (3000K) - 45lm/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 / 24W / 36W / 48W / 60W / 72W / 96W / 120W / 144W
Finish	:	Black (B) / White (W) / Grey (G) / Customized (C)
Kelvin*	:	RGBW / RGBW DMX
Beam Angle	:	10°/ 15°/ 20°/ 30°/ 45°/ 15*60°
CRI	:	80+ 90+
Control Mode	:	ON/OFF DALI DMX
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
5425666	12 - 12W (1*3Leds)	92 - RGBW	D-24VDC	10 - 10°	B - Black	1-ON/OFF
	24 - 24W (1*3Leds)	93 -RGBW DMX		15-15°	W - White	2-DALI
	24 - 24W (2*6Leds)			20 - 20°	G - Grey	3-DMX
	36 - 36W (3*9Leds)			30 - 30°	C-Customize	
	48 - 48W (2*6Leds)			45 - 45°		

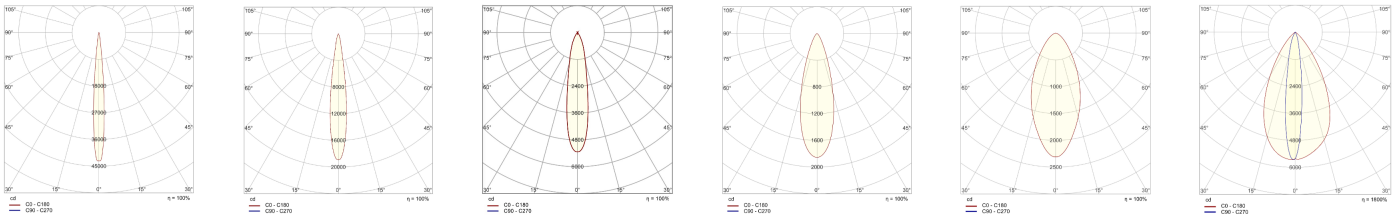
Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

48 - 48W (4*12Leds)
60 - 60W (5*15Leds)
72 - 72W (3*9Leds)
72 - 72W (6*18Leds)
96 - 96W (4*12Leds)
120 - 120W (5*15Leds)
144 - 144W (6*18Leds)

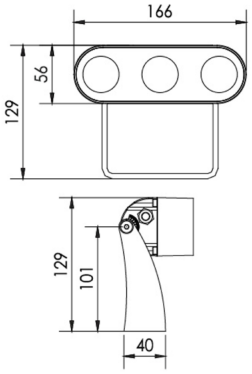
15*60 - 15*60°

Ex: Order Code: 54256661292D'10B1

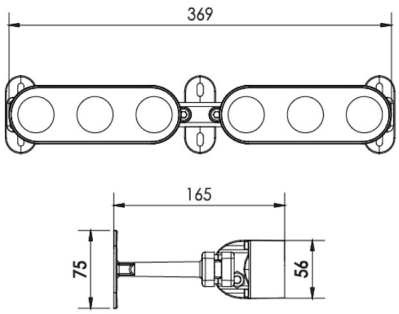
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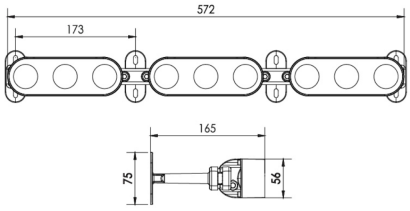
Types:



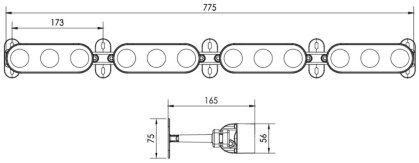
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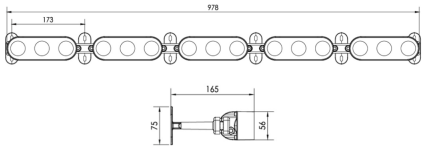
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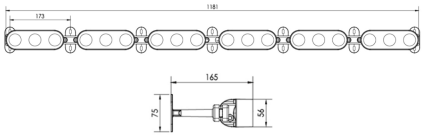
Type C



Type D



Type E



Type F

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