

## SUM



### Description:

SUM is a High Power LED Flood Light, fashion and beautiful apperance, with the design of increasing heat dissipation to fully ensure the stability and long lifespan of LED fixture. The fixture's housing is precision-molded from premium 6063 aluminum alloy and finished with an anodized coating, providing exceptional durability and corrosion resistance. Available in Metallic Gray (RAL9023) with a high-gloss liquid coating and high-temperature grilling, the fixture also offers a 50µm liquid coating to enhance heat dissipation and lifespan, or a 120µm RAL7011 metallic grey powder coating for robust UV protection. With THD less than 10% and a power factor greater than 0.9, it ensures high electrical efficiency and superior performance. The toughened glass surface offers high hardness and impact resistance, and the series provides various CCT options, C5 Marine Grade Coating, Honeycomb, and Anti-glare shield options, making it a versatile solution for diverse project specifications. This flood light is a reliable and efficient solution for architectural lighting, landscape illumination, and other demanding outdoor applications.

### Product Specifications:

Housing : Aluminum Alloy  
Coating: Liquid Coating / Powder Coating  
Glass : Tempered glass  
LED Quantity : 96 LEDs  
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: 900W  
Voltage: 100 - 305VAC  
Frequency: 50-60Hz  
Power Factor : >0.9  
Light Source: CREE  
Lumen: 95lm/W  
Mac Adam: 3 Step  
Safety Class: III  
Working Temperature:-20°C to 50°C  
Life Time: 80,000hrs (L80/B10) at 25°C  
Warranty: 5 Years

### Parameter:

Wattage(W)	:	900W
Finish	:	Gray (G) / Black (B) / White (W)
Kelvin*	:	RGBWCLA
Beam Angle	:	10° / 15° / 20° / 30° / 15x60°
CRI	:	80+
Control Mode	:	ON/OFF / DMX

### Order Code:

Product Code	Wattage	CCT	Voltage(AC)	Beam Angle	Finish	Control Mode
545671	900 - 900W	97 - RGBWCLA	A - 100 - 305VAC	10 - 10° 15 - 15° 20 - 20° 30 - 30° 15x60 - 15x60°	G - Grey B - Black W - White	1-ON/OFF 2-DMX

**Ex: Order Code: 54567190097A'10G1**

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

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