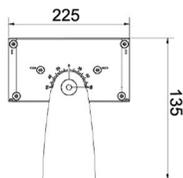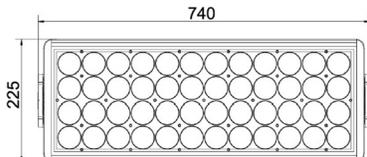# pluxb

CE EAC IP66 IK08

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 Die cast aluminum 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 5mm 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 : Die Cast Aluminum

Coating: Liquid Coating / Powder Coating

Glass : Tempered glass

LED Quantity : 22 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: Wall Mounted / Pole Mounted

Adjustable : Yes

Technical Specifications:

Wattage: 400- 420W

Voltage: 100 - 305VAC

Frequency: 50-60Hz

Power Factor : >0.9

Light Source: CREE / LUXEON / LumiLeds

Lumen: 130m/W

Mac Adam: 3 Step

Safety Class: III

Working Temperature:-20°C to 50°C

Life Time: 100,000hrs (L80/B10) at 25°C

Warranty: 5 Years

Standard:

EN 60598-1

EN 60598-2-2

EN 60598-3-2

EN 60598-3-3

Parameter:

Wattage(W)	:	400W / 420W
Finish	:	Gray (G) / Black (B) / White (W) / Matt Satin Grey (MG)
Kelvin*	:	2700K/ 3000K / 4000K / 6000K
Beam Angle	:	4° / 8° / 12° / 20° / 30° / 45° / 60° / 10x70° / 5x20° / Assymetric
CRI	:	70+ 80+
Control Mode	:	ON/OFF / DALI / 0 / 1-10V

Order Code:

Product	Code	Wattage	CCT	Voltage(AC)	Beam Angle	Finish	Control Mode
545740		400 - 400W	27-2700K	A - 100 - 305VAC	4 - 4°	G - Grey	1-ON/OFF
		420 - 420W	30-3000K		8- 8°	B - Black	2-DALI
			40-4000K		12 - 12°	W - White	3-0/1-10V
			60-6000K		20 - 20°	MG - Matt Satin Grey	
					30 - 30°		
					45 - 45°		

60 - 60°
10x70 - 10x70°
5x20 - 5x20°

Ex: Order Code: 54574040027A'4G1

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