

## MARS



### Features:

MARS is a Spike Light which is designed for durable and efficient outdoor lighting. Its die-cast aluminum housing with a polyester-sprayed surface provides shockproof and corrosion-resistant performance. The imported anti-aging rubber seal-ring ensures waterproofing and protection. A transparent tempered glass lamp enhances light transmission and durability. With THD less than 10% and a power factor greater than 0.9, it ensures high electrical efficiency and superior performance. Its also comes with adjustable bracket Base, Round Base and Stand Base. The honeycomb, Round-meshed grill and Anti glare can make your lighting more dramatic or cinematic. Toughened glass surface, with high hardness, not easy to break. Adopt Imported CREE original LED light source, high flux output, excellent consistency of light color. Constant current driver with PWM gray control installed inside. With gradual temperature increase, excellent heat dissipation, and waterproof sealing. C5 Marine Grade Coating available on request. This spike light offers stable and reliable performance for outdoor applications.

### Product Specifications:

Housing : Die cast aluminum  
Coating : Powder Coating  
Glass : Tempered Glass Cover  
LED Quantity : 6 LEDs  
Adjustable : Yes  
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, Pole Mounted and Tree mounted

### Technical Specifications:

Wattage : 12 - 18W  
Voltage : DC24V / 220-240VAC  
Frequency : 50-60Hz  
Power Factor : >0.9  
Light Source : CREE  
Lumen : 110lm/W  
Mac Adam : 3 Step  
Safety Class : III  
Working Temperature : -25°C to 50°C  
Life Time : 50,000hrs (L80/B10) at 35°C  
Warranty : 5 Years

### Parameter:

|            |   |  |
|------------|---|--|
| Wattage(W) | : | 12W / 18W                                  |
| Finish     | : | Grey (G) / Matt Black (B) / Customized (C) |
| Kelvin*    | : | 2700K / 3000K / 4000K / 6000K / RGB / RGBW |
| Beam Angle | : | 5° / 10° / 15° / 20° / 30° / 45° / 60°     |
| CRI        | : | 80+  |
| Driver     | : | ON/OFF / DALI / 0 / 1-10V / DMX            |

### Accessories:



### Order Code :

| Product Code | Type    | Wattage  | CCT         | Voltage(DC) | Beam Angle | Finish       | Control Mode |
|--------------|---------|----------|-------------|-------------|------------|--------------|--------------|
| 541084       | 6-Spike | 12 - 12W | 27-2700K    | D - 24VDC   | 05 - 05°   | G-Grey       | 1-ON/OFF     |
|              | 7-Base  | 18 - 18W | 30-3000K    |             | 10 - 10°   | B-Black      | 2-DALI       |
|              | 8-Hood  |          | 40-4000K    |             | 15 - 15°   | C-Customized | 3-0/1-10V    |
|              |         |          | 60-6000K    |             | 20 - 20°   |              | 4-DMX        |
|              |         |          | 92-RGB      |             | 30 - 30°   |              |              |
|              |         |          | 93-RGB DMX  |             | 45 - 45°   |              |              |
|              |         |          | 82-RGBW     |             | 60 - 60°   |              |              |
|              |         |          | 83-RGBW DMX |             |            |              |              |

Ex: Order Code: 54108461227D'05G1

| Product Code | Type    | Wattage  | CCT      | Voltage(AC)     | Beam Angle | Finish       | Control Mode |
|--------------|---------|----------|----------|-----------------|------------|--------------|--------------|
| 541084       | 6-Spike | 12 - 12W | 27-2700K | A - 220-240V AC | 05 - 05°   | G-Grey       | 1-ON/OFF     |
|              | 7-Base  | 18 - 18W | 30-3000K |                 | 10 - 10°   | B-Black      | 2-DALI       |
|              | 8-Hood  |          | 40-4000K |                 | 15 - 15°   | C-Customized | 3-0/1-10V    |
|              |         |          | 60-6000K |                 | 20 - 20°   |              | 4-DMX        |
|              |         |          |          |                 | 30 - 30°   |              |              |
|              |         |          |          |                 | 45 - 45°   |              |              |
|              |         |          |          |                 | 60 - 60°   |              |              |

Ex: Order Code: 54108461227A'05G1

### Standards

EN 60598-1

EN 60598-2-2

EN 60598-2-22

EN 60598-3-2

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