

Highmask - Type A

SAMSUNG LED Inside



POWER

• 720W • 960W • 1200W • 1500W

TECHNICAL SPECIFICATION

eclick LED Floodlight

Power

720W	960W	1200W	1500W
3000 K / 6500 K			
Warm White / Cool White			
> 80			
865			
86,400 lm	115,000 lm	144,000 lm	180,000 lm
120 lm / W	120 lm / W	120 lm / W	120 lm / W
8°, 20°, 40°, 60°, 90°, 140° x 100°			

Optical Specification

- Color Temperature (CCT)
- Color
- Color Rendering Index (CRI)
- Color Code
- Luminous Flux
- Luminous Efficacy
- Beam Angle (50% Imax)

Electrical Specification

- Power Consumption
- Input Voltage
- Input Voltage (Normal)
- Input Frequency
- Power Factor
- Total Harmonic Distortion (THD)
- Maximum AC Input Current
- Inrush Current (Cold Start)
- Leakage Current
- Surge Transient Protection (L/N)
- Insulation Classification
- Protection
- LED Chip

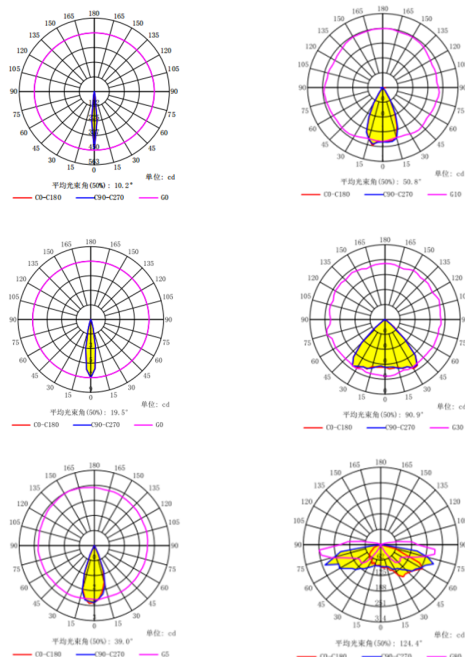
720 W	960 W	1200 W	1500 W
90 - 305 Vac			
100 - 277 Vac			
50 / 60 Hz			
> 0.95			
< 15%			
≤ 2.0 A			
≤ 75 A			
< 0.75 mA			
4 kV			
6 kV			
Class 1			
Short Circuit Protection Over-Current Protection Over-Voltage Protection Over-Heat Protection			
Osram LED			

Mechanical Specification

- Heatsink Material
- Reflector Material
- PCB Material
- Operating Temperature
- Operating Humidity
- Ingress Protection
- Weight

Fin-type Stramped Aluminium Cast Aluminium Base			
High Reflectivity Stamped Aluminium			
Sumitomo Metal Core PCB			
- 20°C ~ 50°C			
20 - 95 % RH			
IP67			
18 kg	21.3 kg	22.8kg	24.9 kg

PHOTOMETRIC



COLOUR OF LIGHT [3000K]
[6500K]

PRODUCT RELIABILITY

Life Span of Product	> 50,000 hrs
Mean Time Between Failure	> 200,000 hrs (Ambient = 25°C, Input = 230Vac, Output = 80%)
Average Lumen Maintenance after 6,000 hrs	99.4% Initial Lumen
70% Lumen Maintenance (L70)	> 50,000 hrs

COMPLIANCE STANDARD

Safety	EN61347-1 EN61347-2-13 IEC61347-1 IEC61347-2-13 UL8750 GB19510.1 GB19510.1
Electromagnetic	EN55015 IEC61000-3-2 IEC61000-3-3 IEC61547
LED	IES LM-80-08 IES TS-21-11