100W LED FLOOD LIGHT

LIGHT THE WORLD

ITEM No.: MFL-S100-C5M
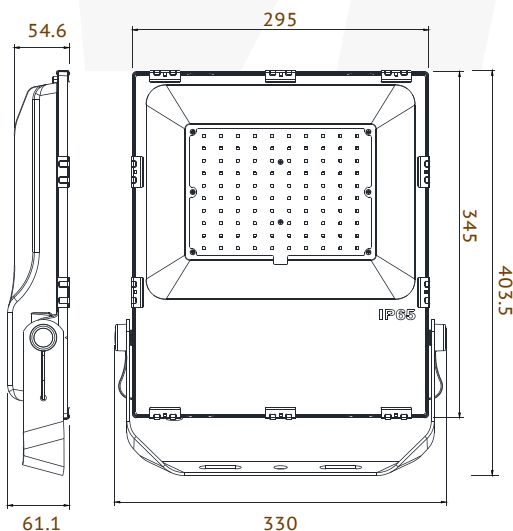
Electrical Specifications

- **Led Power** — 100w
- **IP / IK Grade** — IP66 / IK08
- **Paint process** — C5M coating high resist saline
- **Input Voltage** — AC85-300V(50-60Hz), DC12/24V
- **Operating Temperature** — -20˚C to +50˚C
- **Driver Brand** — Mearnwell driver
- **Power Factor (PF)** — >0.95
- **Driver Efficiency** — >92%
- **Certification** — CE,ROHS,TUV,FCC,ETL/DLC

Photometric & Packing Specifications

- **Led Lamp** — SMD 3030 PHILIPS
- **Lumen Output** — >13000LM
- **Light Efficient** — 130lm/w
- **Life span** — >50000 hours
- **symmetrical** — 30˚, 60˚, 90˚
- **Dissymmetrical** — Type1- 140˚*70˚, Type2- 70˚*150˚, Type3- 150˚*80˚, Type4- 50˚*140˚, Type5- 140˚*140˚

- **Guarantee** — 3 years
- **CRI** — >80
- **CCT** — 2700k~6500k
- **Material** — Aluminum+Tempered glass
- **Weight** — 6.07kg
- **Product size** — 330*403.5*61.1mm
- **Carton size** — 510*430*135mm, 1pcs/CTN

Product size(unit:mm)

54.6
295
345
403.5
IP65
61.1
330

Spectrum

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150   150
-120   120
-90   90
900
1800
-60   60
2700
3600
-30   30
4500
0

UNIT:cd
C0/180,109.3deg
C90/270,107.6deg

AVERAGE BEAM ANGLE(50%):108.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:1x)
MH(m)
10
14
18
22
26
30
34
38
42
46
50
0.0   17.0   34.0
S (m)

25.0	4.20	
21.0	3.30	
17.0	2.10	
13.0	1.70	
8.40	1.30	
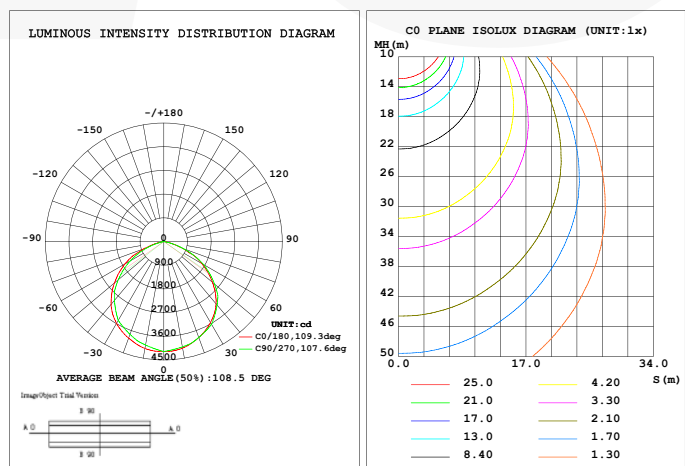
Key Features

The biggest feature of this floodlight is that it adopts the C5M anti-corrosion grade standard.
(The test basis for the C5M anti-corrosion grade standard is ISO 12944-6:1998. This standard clarifies that in humid environments, high salinity, high chlorine concentration and many other The material should have a high level of corrosion resistance under adverse conditions such as fog) and is especially suitable for use in oceans, ship berths, ports, offshore operating platforms and other places.

Tempered glass panel

C5M coating high resist saline

Lamp bead lens, optional different lighting angles

Angle adjustable

316 Stainlesss steel bracket

Power input cable

Lamp fixing screw holes

Waterproof joints and exhaust valves

All accessies/screws is with 304 stainless steel material
Customizable stainless steel nameplate