

**PORTABLE FLOOD LIGHT-10W**



**SECTION 1: GENERAL DESCRIPTION (FIXTURE AND DRIVER)**

Voltage:	100-277V/ DC 12.6V
Power:	10W
Diffuser Type:	Polycarbonate
Base Material:	Aluminum
Light Output:	673 Lumens
Beam Angle:	100 Degrees
Correlated Colour Temperature (CCT):	5500K White
Fixture Lifespan:	50,000 Hours (10+ years at 12 hours per day)
IP Rating:	65
Dimensions:	146 mm x 233 mm x 162 mm
Weight:	1.2 kg
Charging Time:	4-5 hours
Run Time:	2/4/8 hours

**SECTION 2: CERTIFICATIONS MET**

- 1) UL Listing : Underwriters Laboratory testing for dependable reliability and lifespan of fixture.
- 2) RoHS Certification: Restriction of Hazardous Substances- Ensuring no toxic chemicals or materials are used in the manufacture.
- 3) CE Certification: Conformity European, Ensuring that this product can be within the strictest standards of Europe.

**SECTION 3: LIGHT SOURCE DESCRIPTION (LED CHIP)**

LED Shape:	COB
Number of LEDs:	1
LED TYPE:	EPISTAR

**SECTION 4: COMPARABLE OLDER LIGHT SOURCE**

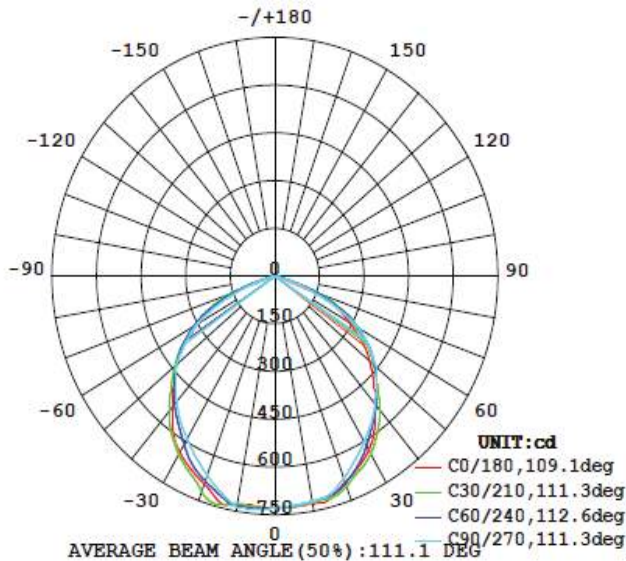
<b>100W Halogen Work Light</b>	<b>10W Portable Flood Light</b>
100 Watts Power	10 Watts Power
8,000 Hour Lifespan	50,000 Hour Lifespan
Carries no warranty	Carries 1 year warranty
Contains deadly mercury gas	RoHS certified for no toxic components
Does not function well in cold environments	Works perfectly down to -20°C

## SECTION 4: ADDITIONAL BENEFITS OF THE FLOOD LIGHT

**Long Term Investment:** LED Light fixtures feature a robust, protective design gives this luminaire an IP of 65 and the ability to handle harsh environments. The specially designed heat sink does not let dust easily collect, while also allowing more air to flow through it, providing for greater heat dissipation and, in turn, improving the performance of a long-lasting, durable luminaire. LED Fixtures additionally use a lot less energy and pay for themselves with the energy savings.

**Instant Start Up and Restrike Time:** LED Light fixtures do not require a filament to warm up or cool down before the maximum amount of light can be achieved. The lifespan of an LED fixture is **not affected** by switching on and off. This is a huge benefit as compared to metal halide bulbs and fluorescent bulbs which are advised by manufacturers to switch on/off as little as possible.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

