



10W PORTABLE FLOOD LIGHT

VOL-PFL-010-CW

SECTION 1: SPECIFICATIONS

POWER	10W
VOLTAGE	100-227V / DC 12.6V
DIFFUSER TYPE	POLYCARBONATE
BASE MATERIAL	ALUMINUM
LIGHT OUTPUT	673 lm
BEAM ANGLE	100°
CCT	5500K (W)
FIXTURE LIFESPAN	50,000 HRS (10+ YEARS AT 12 HRS PER DAY)
IP RATING	65
DIMENSIONS	146 x 233 x 162 mm
WEIGHT	1.2 KG
CHARGING TIME	4-5 HOURS
RUN TIME	2/4/8 HOURS



CERTIFICATIONS

RoHS
Compliant



SECTION 2: LIGHT SOURCE DESCRIPTION (LED CHIP)

LED SHAPE	COB
NUMBER OF LEDS	1
LED TYPE:	EPISTAR

SECTION 3: COMPARABLE OLDER LIGHT SOURCE

10W PORTABLE FLOOD LIGHT	100W HALOGEN WORK LIGHT
10 WATTS POWER	100 WATTS POWER
50,000 HOUR LIFESPAN	8000 HOUR LIFESPAN
CARRIES 1 YEAR WARRANTY	CARRIES NO WARRANTY
RoHS CERTIFIED FOR NO TOXIC COMPONENTS	CONTAINS DEADLY MERCURY GAS
WORKS PERFECTLY DOWN TO -20° C	DOES NOT FUNCTION WELL IN COLD ENVIRONMENTS

SECTION 4: ADDITIONAL BENEFITS OF THE FLOOD LIGHT

LONG TERM INVESTMENT

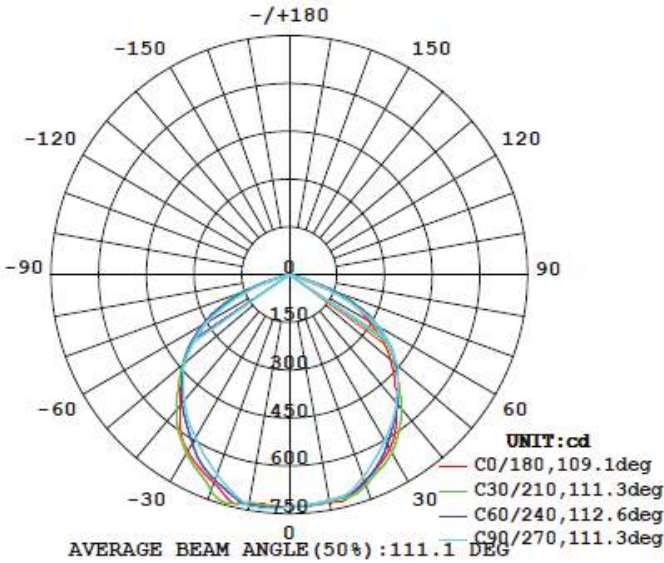
LED LIGHT FIXTURES FEATURE A ROBUST, PROTECTIVE DESIGN THAT GIVES THIS LUMINAIRE AN IP OF 65 AND THE ABILITY TO HANDLE HARSH ENVIRONMENTS. THE SPECIALLY DESIGNED HEAT SINK DOES NOT LET DUST EASILY COLLECT, WHILE ALSO ALLOWING MORE AIR TO FLOW THROUGH IT, PROVIDING FOR GREATER HEAT DISSIPATION AND IN 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.

SECTION 5: PHOTOMETRIC DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

