



Features

- * Customized **LUMILEDS CREE** LED, 150lm/w, CRI **Ra80**. Junction temperature **<70° C**
- * TaiWan **MeanWell** LED Drivers, wide AC90V~305V, **PF>0.98**, low THD<15%
- * Ultra-low luminous decay **<10%** in 5 years. L70>50,000hrs. Design lifespan **50,000hrs**
- * light transmittance of **PC** up to 93%.
- * **60° x135°** beam angles and excellent uniformity



Product Certification:



Driver: **MW** MEAN WELL

Driver certification: **CB CE**

Safety and EMC design refer to EN60598-1, subject 8750(UL), CNS15233, GB7000.1, FCC part18.

SAFETY & EMC	SAFETY STANDARDS <small>Note.7</small>	UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750, CSA C22.2 No. 250.0-08, TUV EN61347-1, EN61347-2-13 independent (except for HLG-240H C type), UL60950-1, UL8750, TUV EN60950-1, IP65 or IP67, J61347-1, J61347-2-13 approved
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C ($\geq 50\%$ load) ; EN61000-3-3
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge 4KV), criteria A

LED Chip:

L_{70} Extrapolations per IESNA TM-21-11

This report

T_s	$I_f = 150mA$
$T_s = 105^\circ C$	> 54,000
$T_s = 85^\circ C$	> 54,000
$T_s = 55^\circ C$	> 54,000

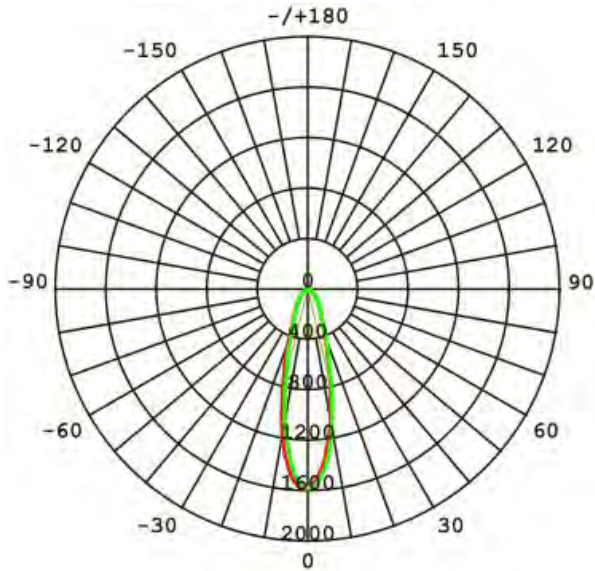
= Limited by TM-21 6x rule

Specification

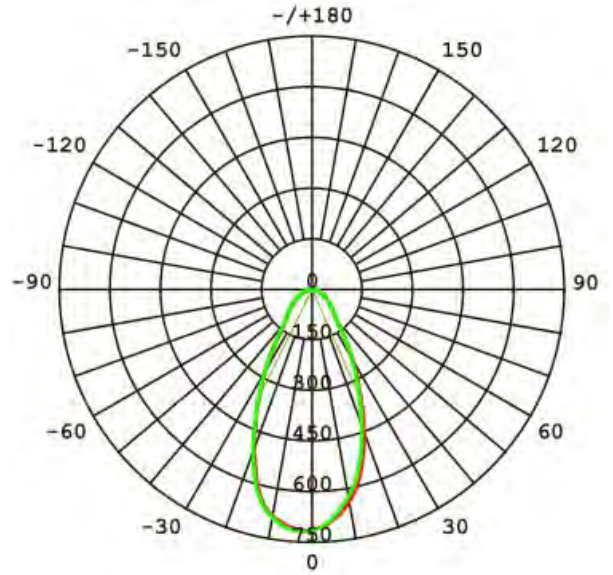
Main Parameters:

Input Voltage	90-305 VAC, 50/60 Hz
INRUSH CURRENT(Typ)	COLD START 60A (twidth= 510μs measured at 50%Ipeak)at 230VAC
LEAKAGE CURRENT	<0.75mA/277VAC
POWER FACTOR(Typ.)	PF>0.98/115VAC,PF>0.95/230VAC at full lead
LED Light Source	LUMILEDS CREE SMD5050
LED Qty	152PCS
Total System Power	400W
Power supply	TaiWan MeanWell ELG
Driver Qty	2PCS
LED Luminous Efficiency	150lm /W
LED Initial Luminous Flux	60000Lm
Color Temperature	2700K,3000K,3500K,4000K,5000K,5700K,6500K
Color Rendering Index	70 / 80+
Light Distribution	Asymmetric / Rectangular
Beam Angle	60° x135°
LED Junction Temperature	$\leq 70^{\circ}\text{C}$ (@ Ta=25 $^{\circ}\text{C}$)
Working Temperature	-40 $^{\circ}\text{C}$ ~ +45 $^{\circ}\text{C}$
Storage Temperature	-40 $^{\circ}\text{C}$ ~ +50 $^{\circ}\text{C}$ (Best 25 $^{\circ}\text{C}$)
IP Rating	IP65
Net weight	15Kg
Life-span	>50,000H
Shell Color	Black / silvery

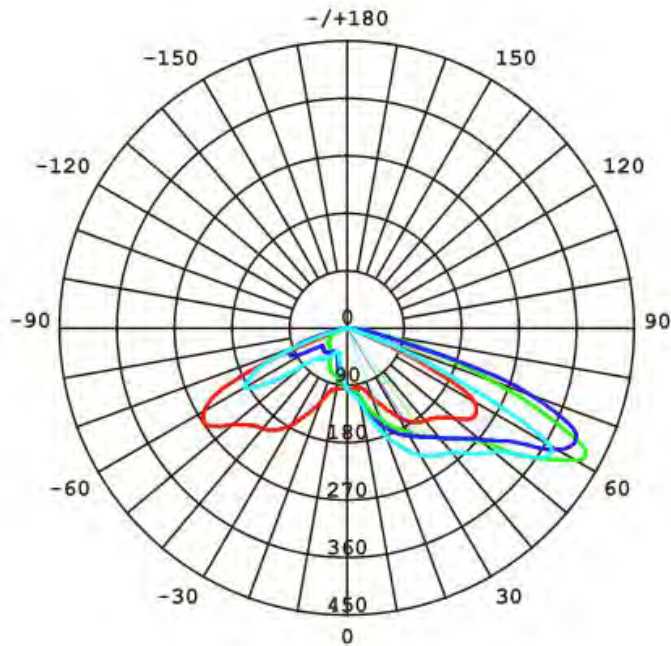
Beam Angle



30° Option

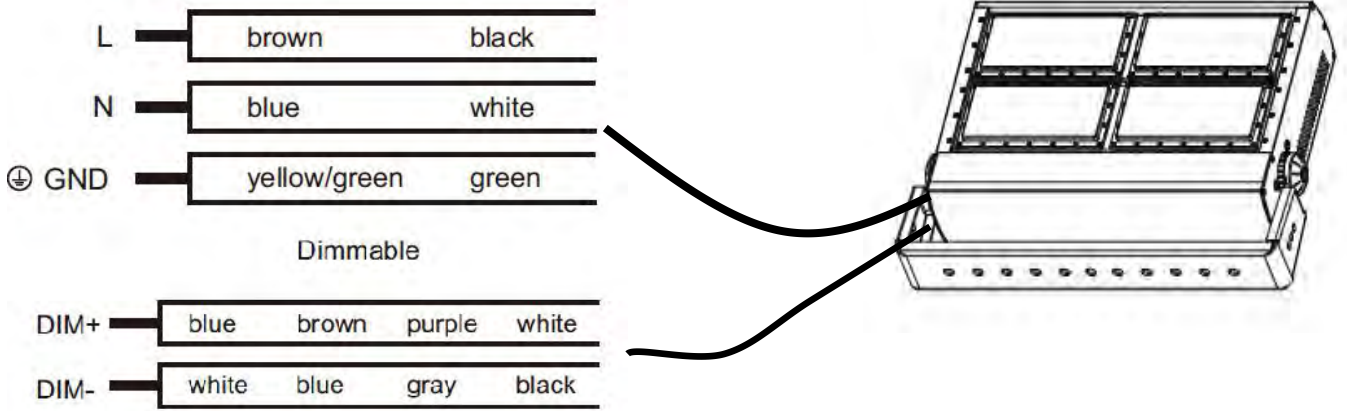


60° de série

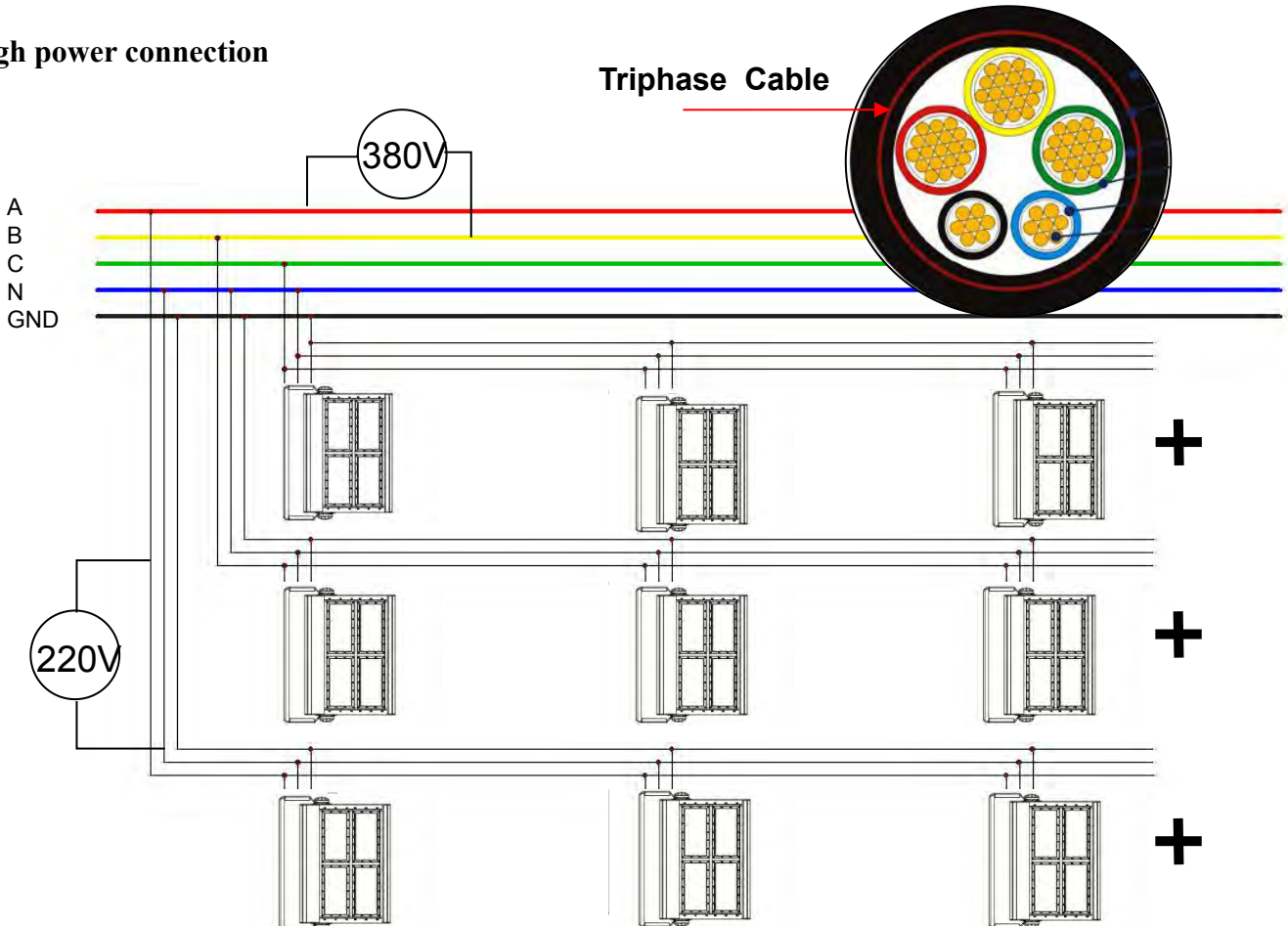


90° * 135° Option

Wiring Diagram

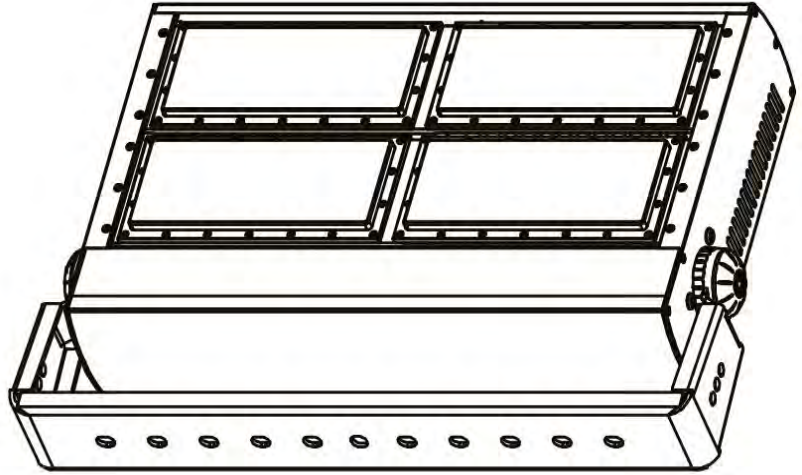
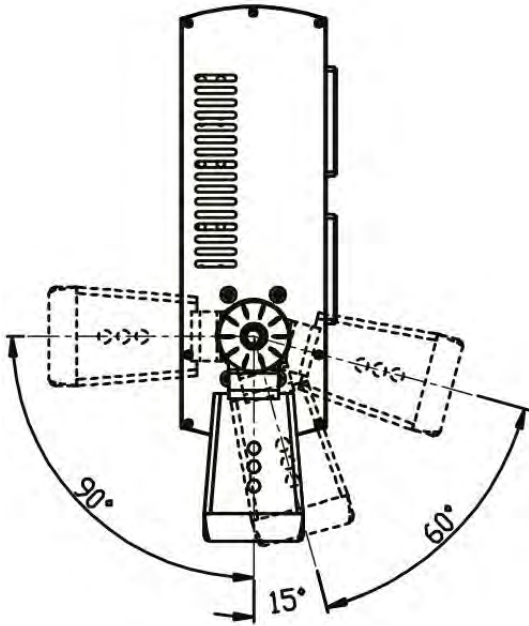


High power connection



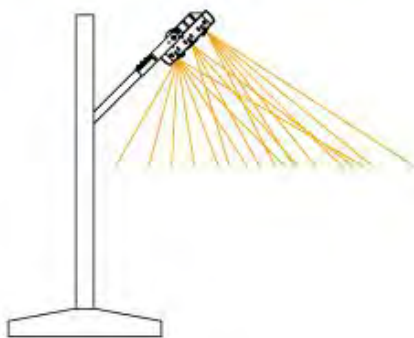
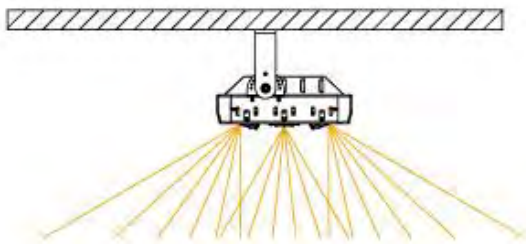
Installation Instructions

Through the screw, choose and adjust the angle of the bracket you need before installaing

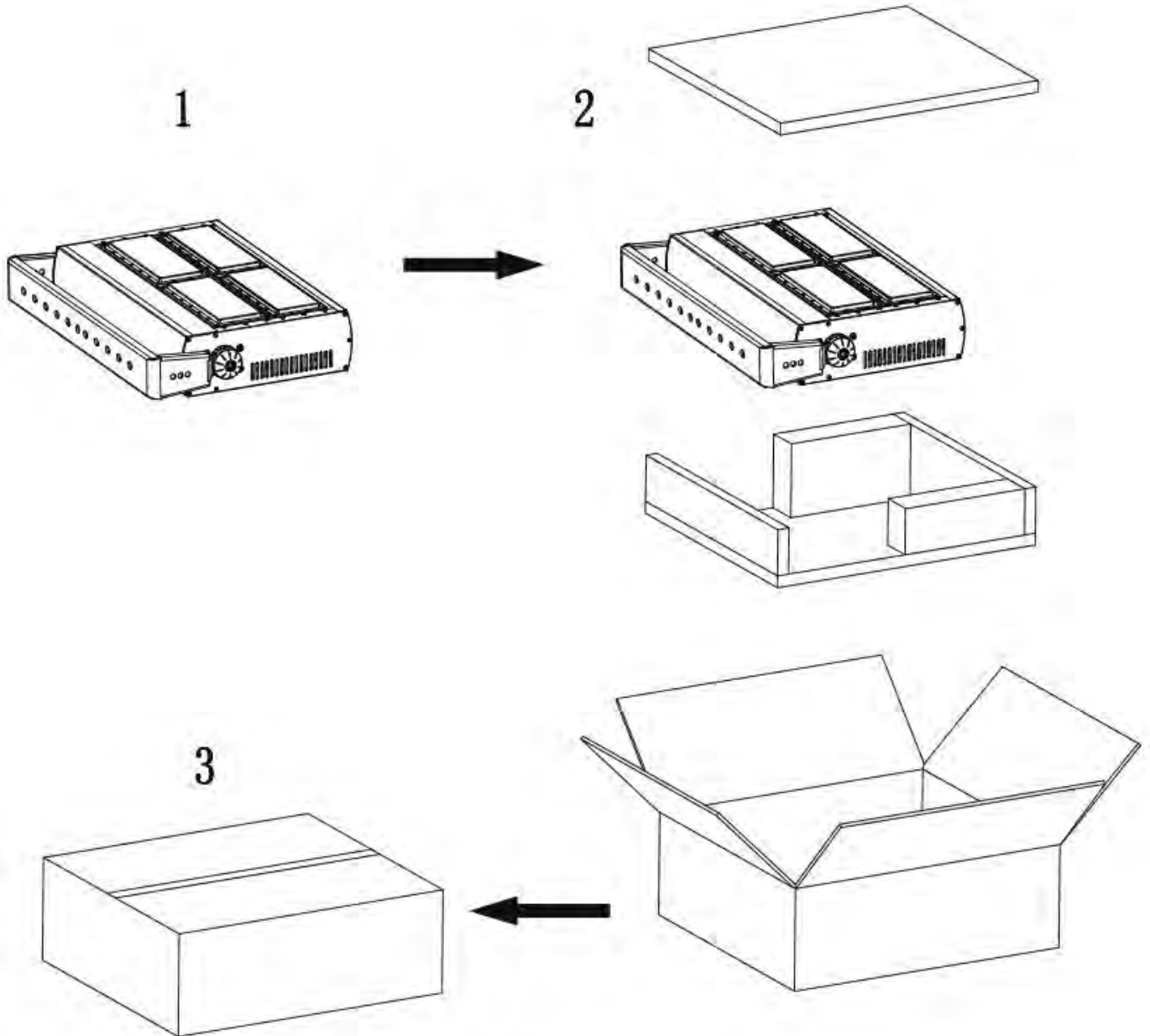


Applications

Applied in large sports field lighting, football, basketball, golf and tennis court, racetrack, badminton, roads, high-rise buildings, tower lights, etc. Can also be applied in large square, airport, commercial building, construction engineering, farm, amusement parks, parking lots, harbor, industrial buildings, and other special lighting enviroment.



Package:



Packing Size(L*W*H) /1unit	500*690*175mm
N.W.	15Kg
G.W.	17Kg

Product Dimension-(mm)

