

LED FLOOD LIGHT



HIGH QUALITY LIGHTING

EASY INSTALLATION

SAFE AND ENVIRONMENTALLY FRIENDLY

WATERPROOF AND DURABLE

SAVING ENERGY

Features

100W~150W for choice.

IP65 Dust free and waterproof

ETL,cETL,DLC approved

Aluminum fin heat sink light in weight

Tempered glass safety to install

Adjustable bracket change concentrate lighting area

120 degree Beam Angle.

6K High voltage Surge test approved.

SMD2835 140Lm/W LED chips.

120V±10% input voltage

50,000hrs lifespan

Ambient operating temperature -40°C to 45° C

Replace 250~400W metal halide/HPS

External No magnetic disturbance driver design

Application in parking lot,street,Garden,yard etc..



Application

LED Deformable lamp series can be widely used in garage, warehouses, factories and workshops etc.

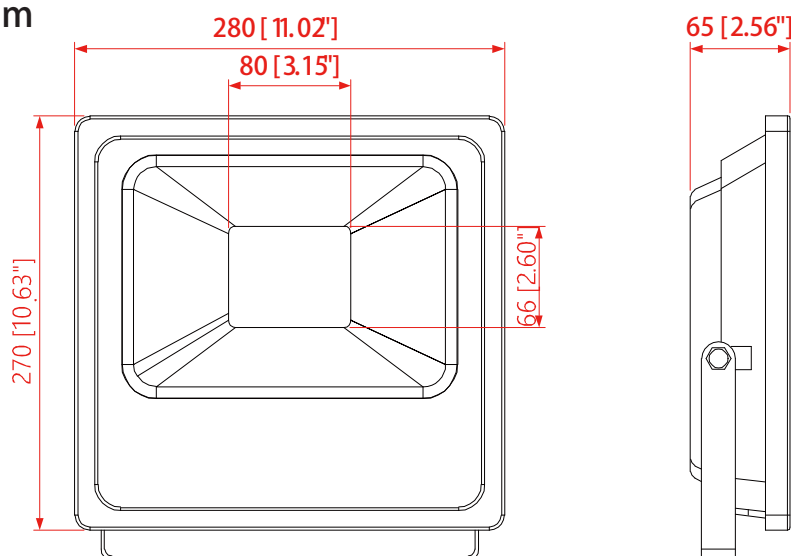


DIMENSIONS

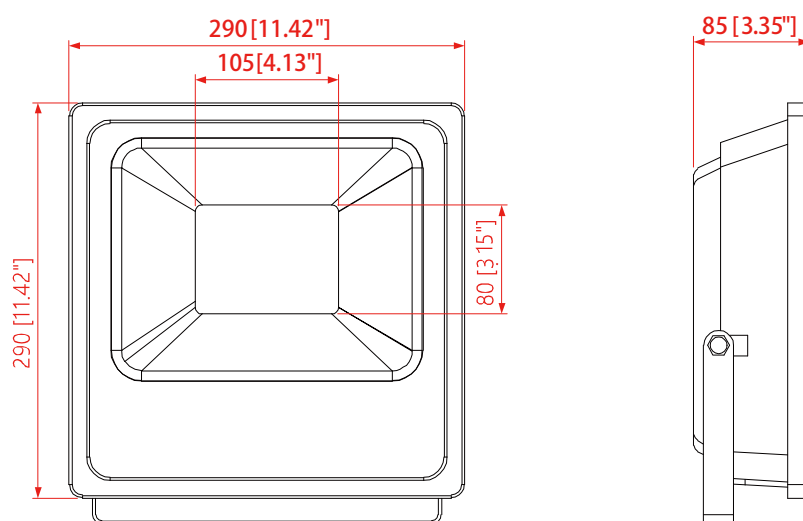
Series	Lumens	Beam Angle (Degree)	Electrical Data	LED Type	Color temperature	Color rendering index
NG-FL-100W	14000 Lm	120 degree	Input Voltage 120V±10% 50~60Hz Power Factor(%) >90	216PCS SMD 2835 Chips	5000K	70 70 CRI 80 80 CRI 90 80 CRI
NG-FL-150W	21000 Lm	120 degree	Input Voltage 120V±10% 50~60Hz Power Factor(%) >90	216PCS SMD 2835 Chips	5000K	70 70 CRI 80 80 CRI 90 80 CRI

Drawing Unit:mm

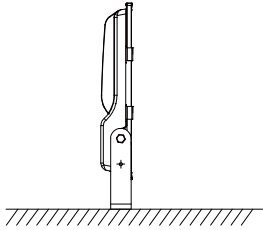
100W



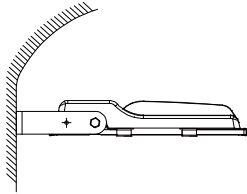
150W



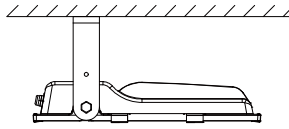
1 Choose the installation



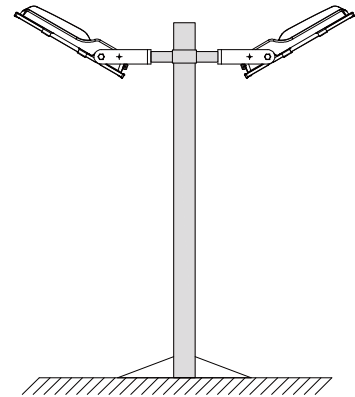
A: Ground installation.



B: Wall installation



C: Ceiling installation



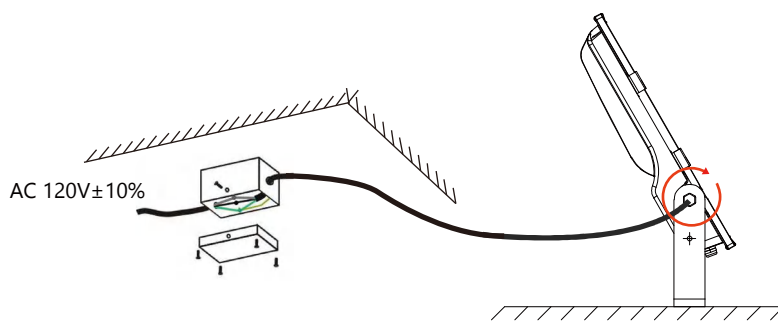
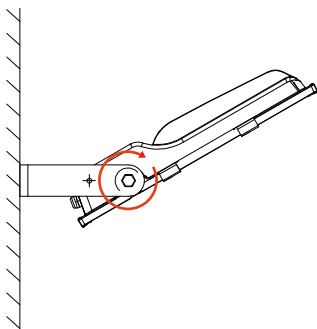
D: Pole installation

2

1. Install the lamp into where you need.

2. Use some expansion Nails to fix the bracket of the lamp.

3. Connect the power cord as following diagram then make waterproof protection.



4. Adjust light fixture to the angle as you want, and then fix it.

6. Finally, fix the junction box cover with screws.

5. When you use junctionbox and strain relief, please make sure to follow the installation requirements as below:

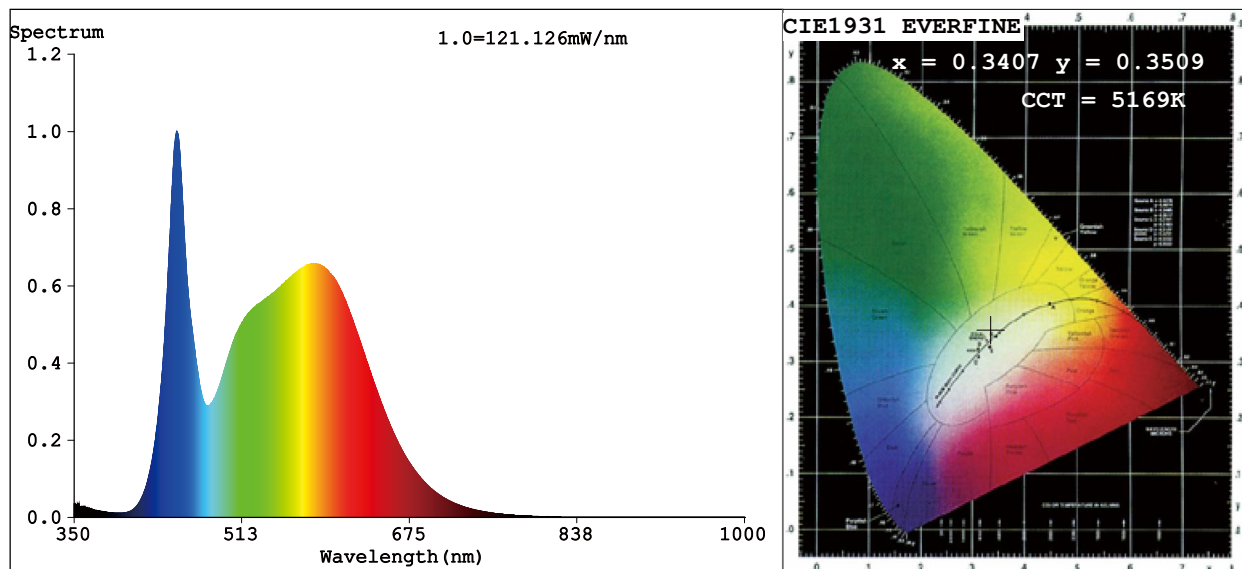
Material: Zinc-iron Turn off power supply.

The diameter of the hole for power cord do not more than 10mm

Put the power cordin the junction box, and make a knotin the cord as strain relief.

Connect the wire in the junction box by close-end connector as following diagram, Please note that the the green/yellow wire should be connected to the ground.

100W LED FLOOD LIGHT

**Color Parameters:**

Chromaticity Coordinate: $x=0.3407$ $y=0.3509$ $u'=0.2087$ $v'=0.4837$
 CCT=5169K(Duv=0.0014) Dominant WL:Ld =568.2nm WL:Lc = --nm Purity=7.5%
 Ratio:R=15.4% G=79.9% B=4.8% Peak WL:Lp=449.4nm FWHM=25.5nm
 Render Index:Ra=83.1 AvgR=76.4 TM30:Rf=83 Rg=96 Lav=550.2nm

Eff (PPF)=0.74610

R1 =81 R2 =88 R3 =93 R4 =83 R5 =83 R6 =84 R7 =86
 R8 =66 R9 =4 R10=72 R11=83 R12=67 R13=83 R14=96 R15=75

Photo Parameters:

Flux = 8458.2 lm Eff. : 133.2 lm/W Fe = 15.70 W Photosyn-
 thetic:PPF:69.862umol/s PAR WATT:15347mW(400-700nm)

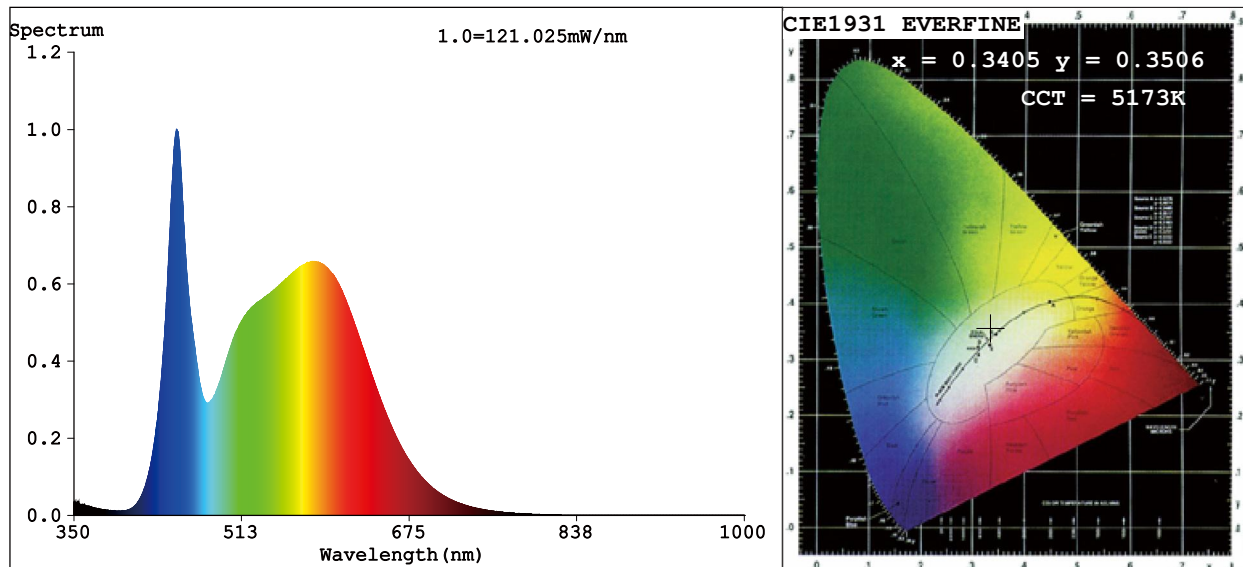
Electrical parameters:

V = 119.90 V I = 0.529 A P = 63.5 W PF = 0.9418
 LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 199 ms Ip = 49878 (76%)

Model:	Number:1
Tester:100W	Date:2022-06-15
09:09:35 Temperature:25.3Deg	Humidity:65.0%
Manufacturer:EVERFINE	Remarks:---

150W LED FLOOD LIGHT

**Color Parameters:**

Chromaticity Coordinate: $x=0.3405$ $y=0.3506$ $u'=0.2087$ $v'=0.4835$
 CCT=5173K(Duv=0.0014) Dominant WL:Ld =568.1nm WL:Lc = --nm Purity=7.4%
 Ratio:R=15.4% G=79.8% B=4.8% Peak WL:Lp=449.5nm FWHM=25.7nm
 Render Index:Ra=83.2 AvgR=76.4 TM30:Rf=84 Rg=96 Lav=550.1nm

Eff (PPF)=0.74561

R1 =81 R2 =88 R3 =93 R4 =83 R5 =83 R6 =84 R7 =86
 R8 =66 R9 =4 R10=72 R11=83 R12=67 R13=83 R14=96 R15=75

Photo Parameters:

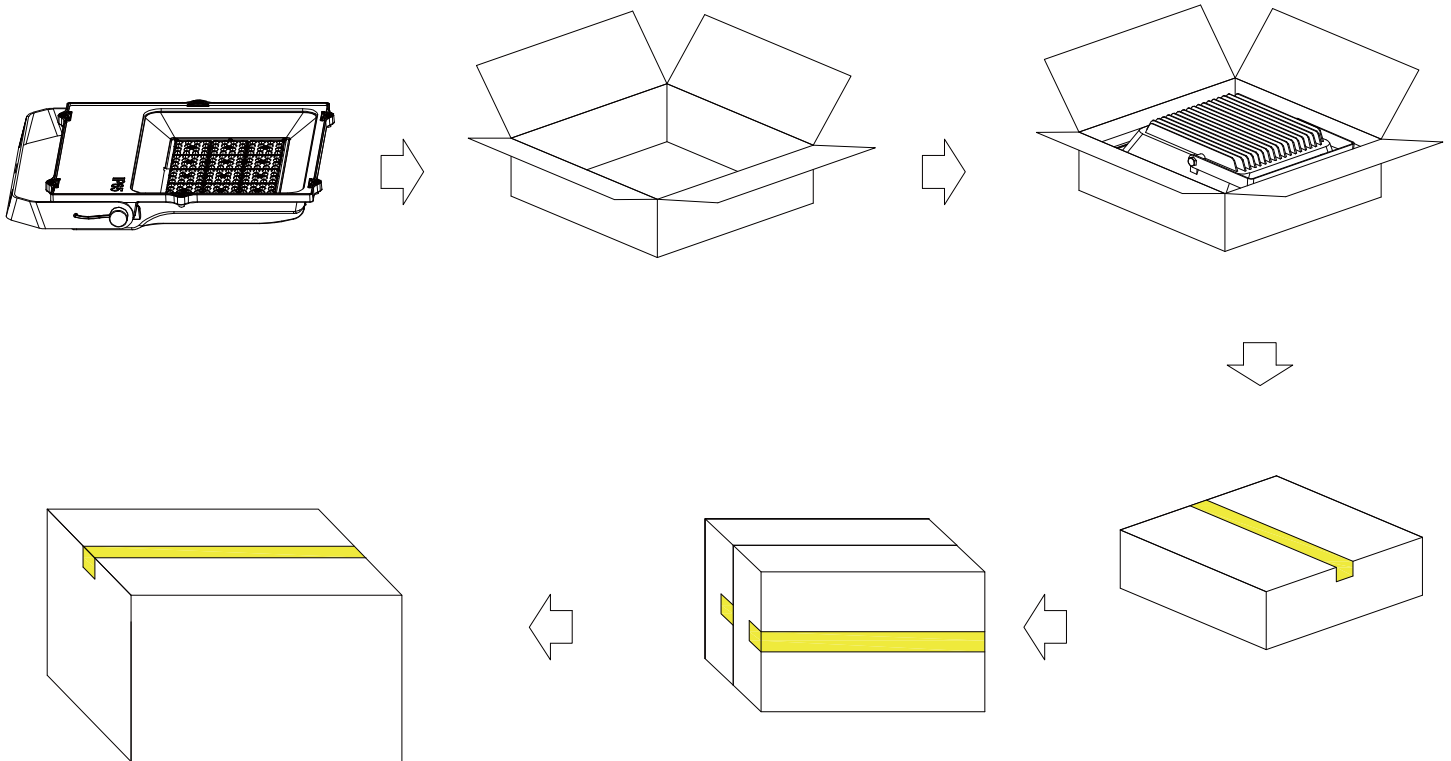
Flux = 12709.8 lm Eff. : 135.6 lm/W Fe = 15.71 W Photosyn-
 thetic:PPF:69.89umol/s PAR WATT:15355mW(400-700nm)

Electrical parameters:

V = 119.90 V I = 0.8300 A P = 93.73 W PF = 0.9419
 LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 199 ms Ip = 49891 (76%)

Model:	Number:2
Tester:150W	Date:2022-06-15
09:10:19 Temperature:25.3Deg	Humidity:65.0%
Manufacturer:EVERFINE	Remarks:---



100W	Qty/ctn	Material	N.W.	Box Size	G.W.
	1	K=K	1.96Kg	310X90X350mm	2.3Kg
	4	K=K	8.0Kg	385X325X370mm	10.5Kg

150W	Qty/ctn	Material	N.W.	Box Size	G.W.
	1	K=K	3.15Kg	315X115X350mm	3.5Kg
	4	K=K	13.5Kg	495X335X370mm	15.0Kg