LED FLOOD LIGHT

LED FLOOD LIGHT

HIGH QUALITY LIGHTING

EASY INSTALLATION

SAFE AND ENVIRONMENTALLY FRIENDLY

WATERPROOF AND DURABLE

SAVING ENERGY

Features

100W~300W 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 adjustable angle 180 degree.

6K High voltage Surge test approved.

SMD3030 140Lm/W LED chips.

100~277V input voltage

50,000hrs lifespan

Ambient operating temperature -40°C to 45° C

Replace 250~1500W metal halide/HPS

External No magnetic disturbance driver design

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







Application

Ideal for commercial environments such as parking lots, walkways, roadways, grocery stores, street and other public areas.











LUMENS DEPOT
PRO LIGHTING SOLUTION

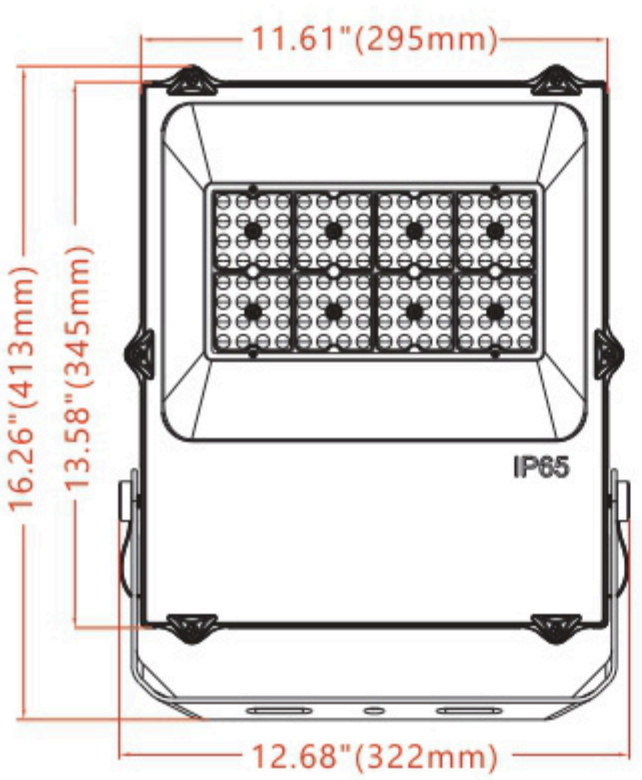
Tel: +18007658555 E-mail: helpdesk@lumensdepot.com https:www.lumensdepot.com

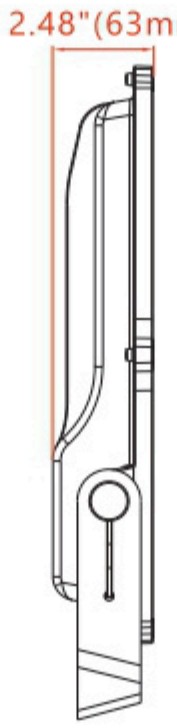
Address: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

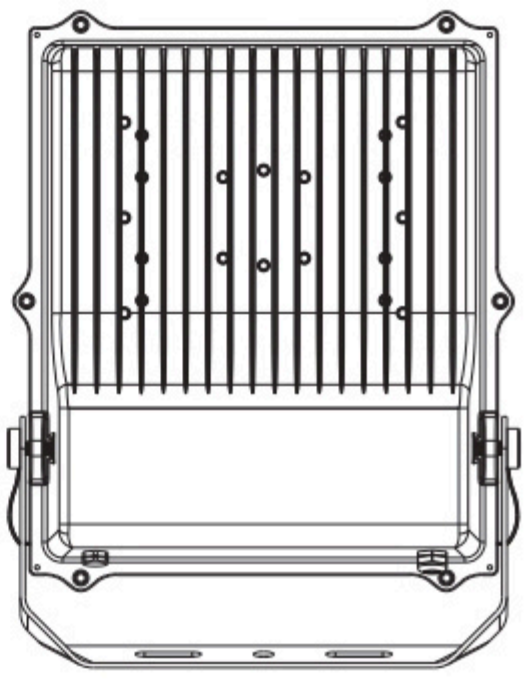
LED FLOOD LIGHT

Series	Lumens	Base	Beam Angle (Degree)	Electrical Data	LED Type	Color temperature	Color rendering index
100W	14000 Lm	3 pin wires	90 degree or 120 degree	Input Voltage 100-277V 50~60Hz Power Factor(%) >90	128PCS SMD 3030 Chips	WW 3000K NW 4000K DW 5000K CW 5700K	70 70 CRI 80 80 CRI 90 80 CRI
150W	21000 Lm	3 pin wires	90 degree or 120 degree	Input Voltage 100-277V 50~60Hz Power Factor(%) >90	192PCS SMD 3030 Chips	WW 3000K NW 4000K DW 5000K CW 5700K	70 70 CRI 80 80 CRI 90 80 CRI
200W	28000 Lm	3 pin wires	90 degree or 120 degree	Input Voltage 100-277V 50~60Hz Power Factor(%) >90	240PCS SMD 3030 Chips	WW 3000K NW 4000K DW 5000K CW 5700K	70 70 CRI 80 80 CRI 90 80 CRI
240W	33600 Lm	3 pin wires	90 degree or 120 degree	Input Voltage 100-277V 50~60Hz Power Factor(%) >90	320PCS SMD 3030 Chips	WW 3000K NW 4000K DW 5000K CW 5700K	70 70 CRI 80 80 CRI 90 80 CRI
300W	42000 Lm	3 pin wires	90 degree or 120 degree	Input Voltage 100-277V 50~60Hz Power Factor(%) >90	384PCS SMD 3030 Chips	WW 3000K NW 4000K DW 5000K CW 5700K	70 70 CRI 80 80 CRI 90 80 CRI

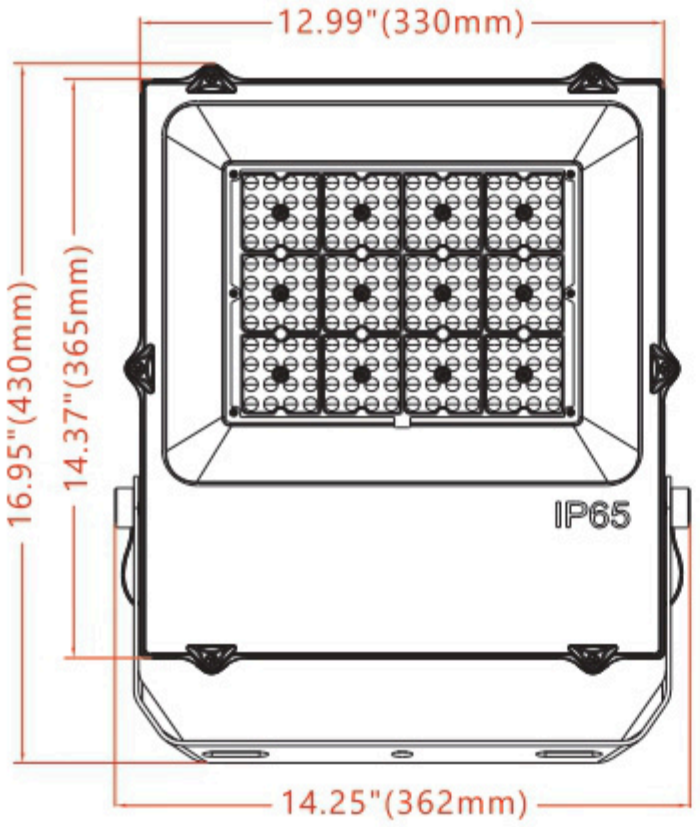
DIMENSIONS

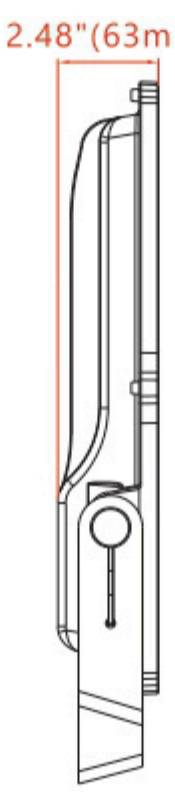


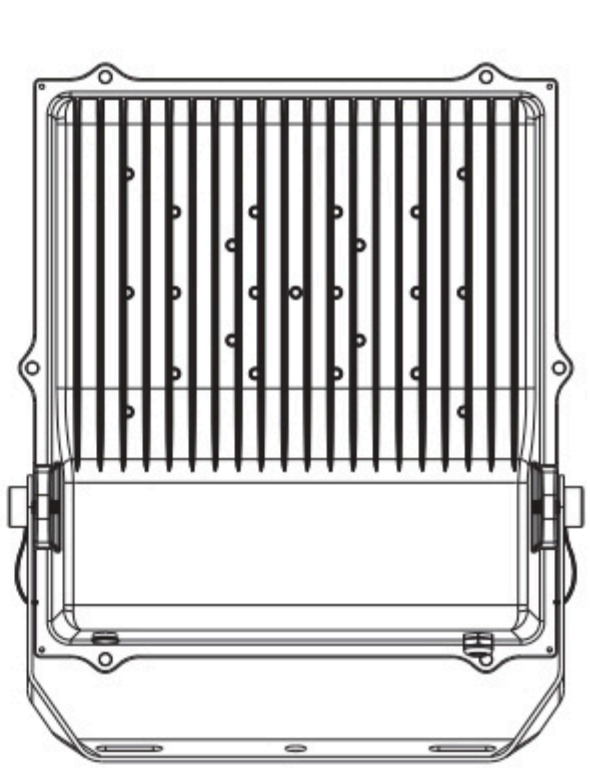




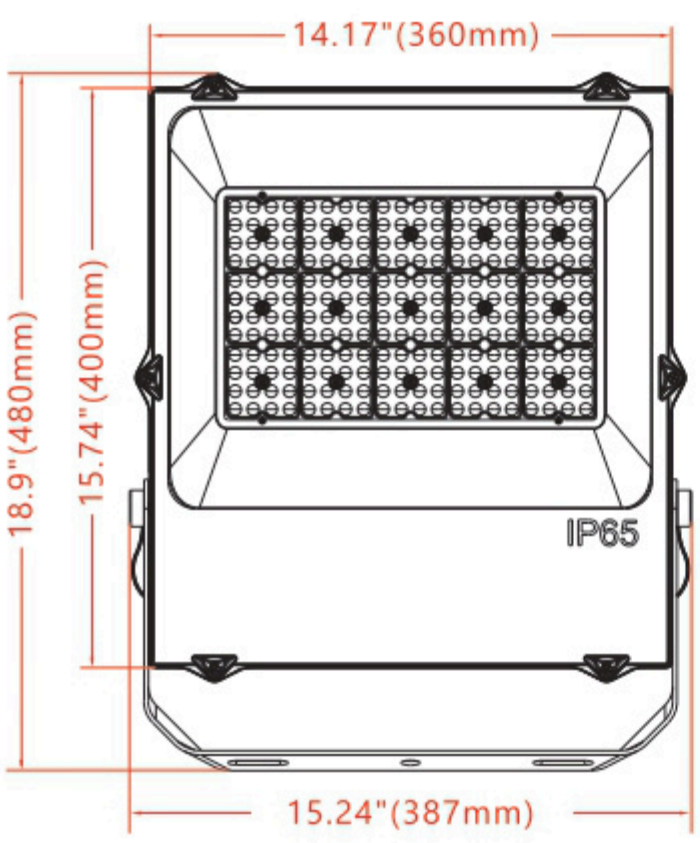
100W

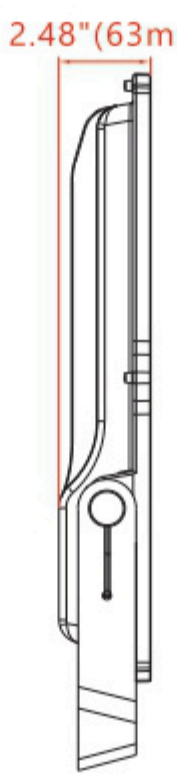


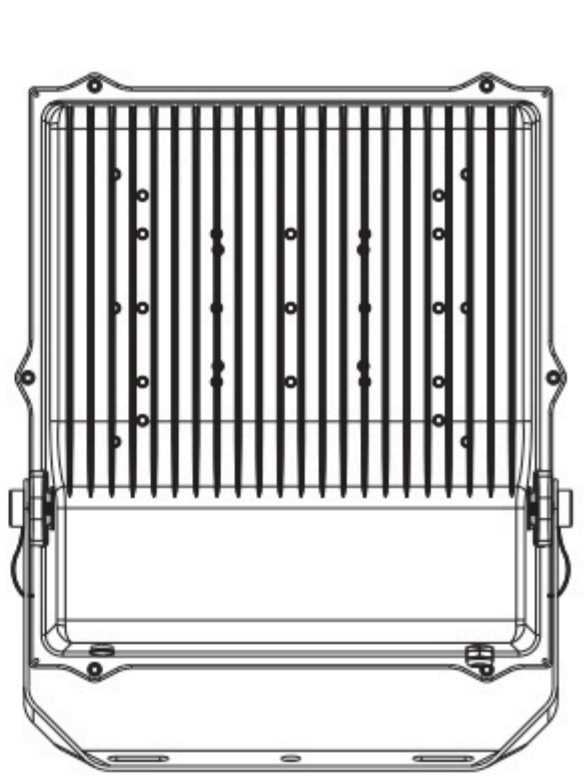




150W



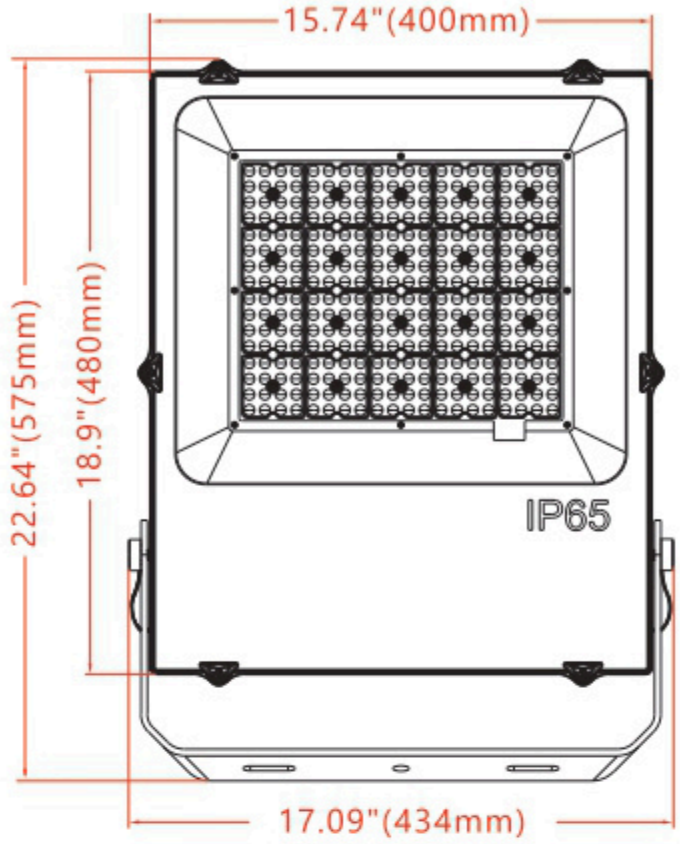


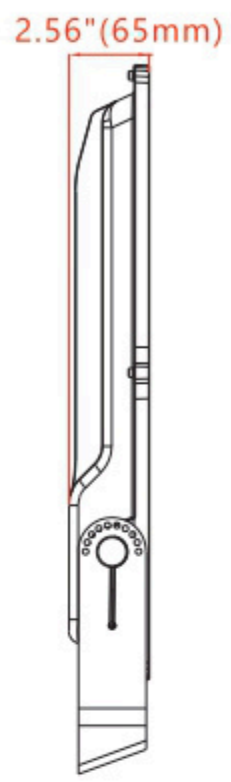


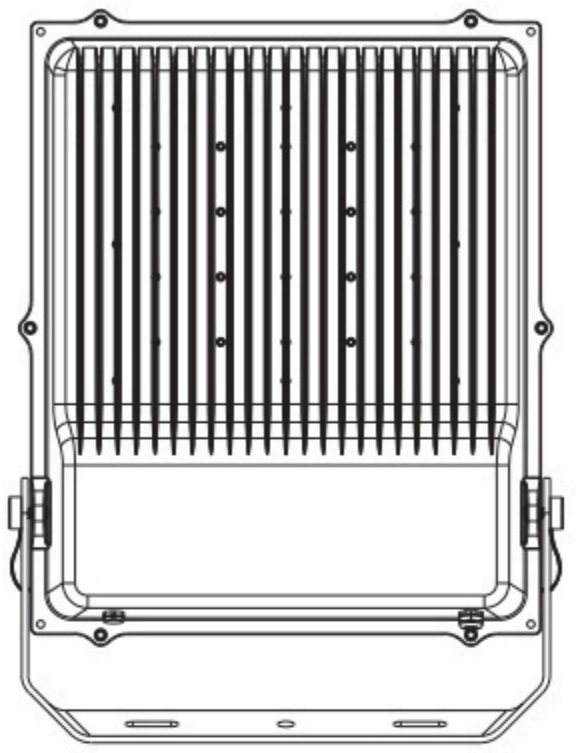
200W

LUMENS DEPOT
PRO LIGHTING SOLUTION
Tel: +18007658555 E-mail: helpdesk@lumensdepot.com https:www.lumensdepot.com
Address: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

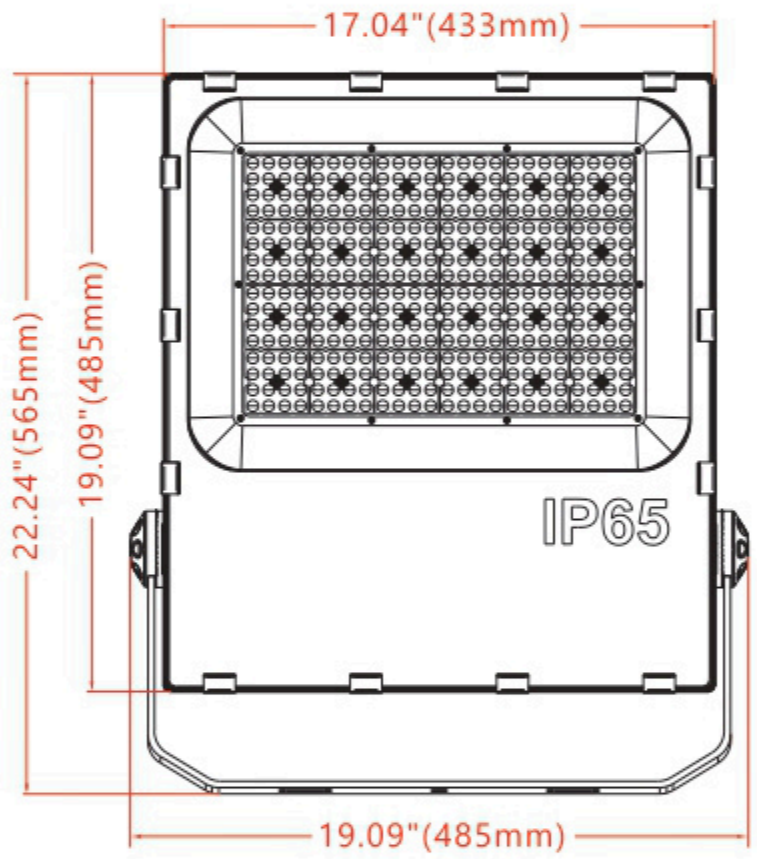
DIMENSIONS

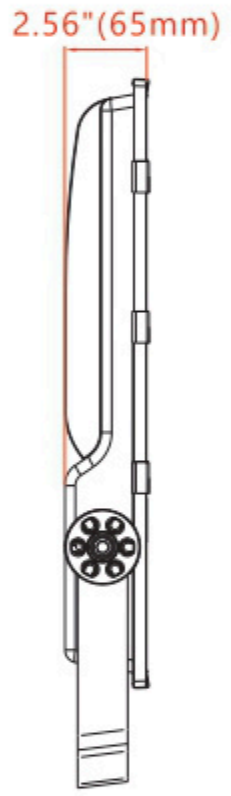


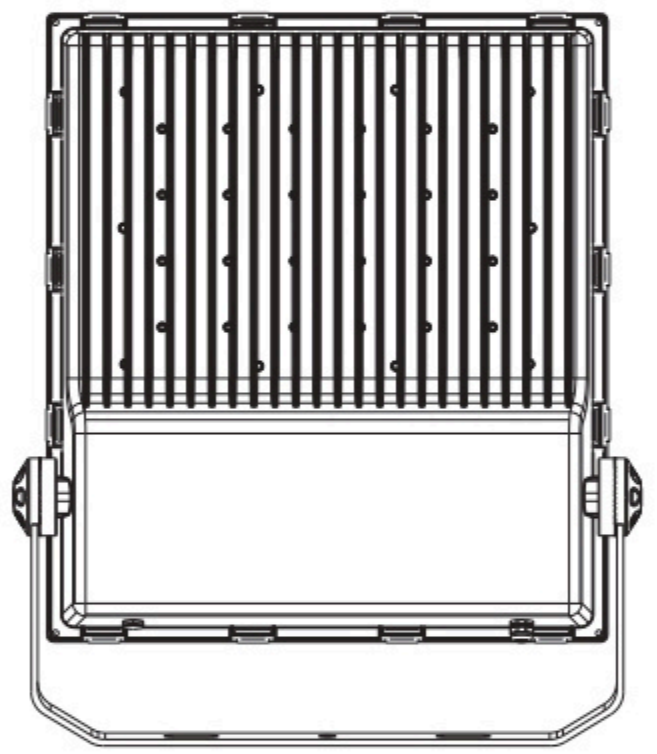




240W



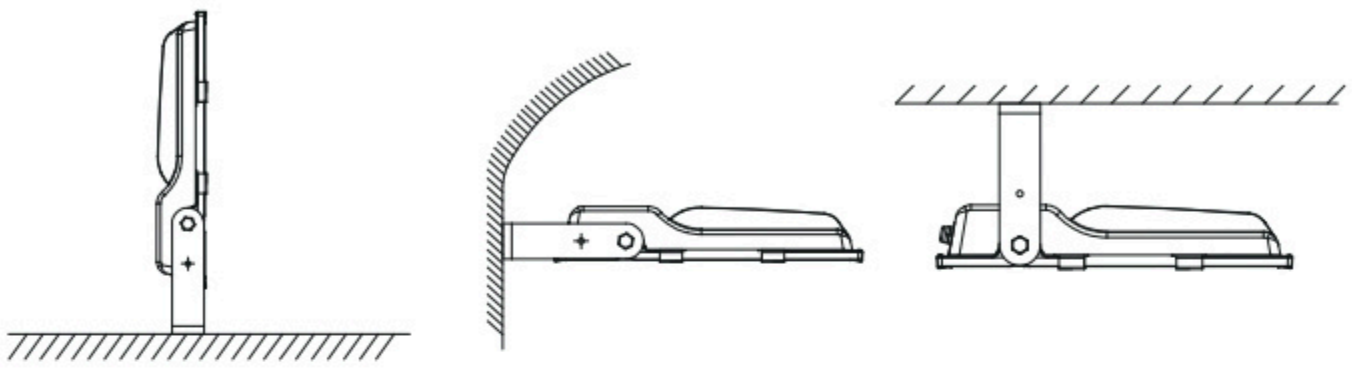




300W

INSTALLATION INSTRUCTIONS

1 Choose the installation

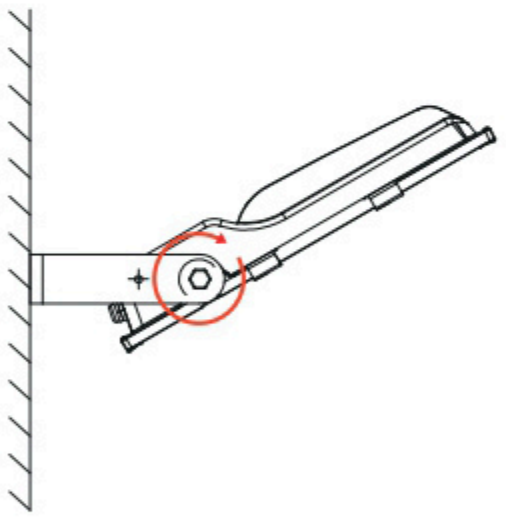


A: Ground installation. B: Wall installation C: Ceiling installation D: Pole installation

2

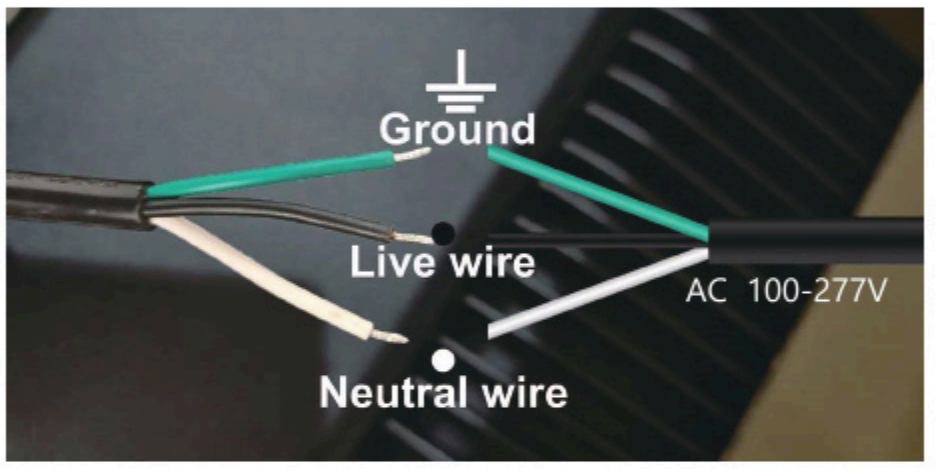
1. Install the lamp into where you need.

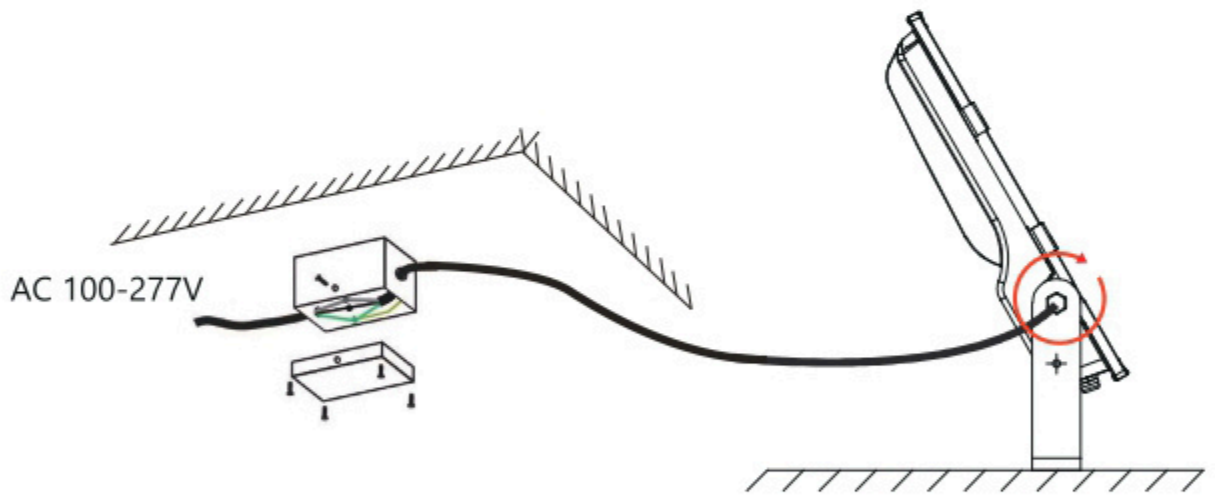
2. Use some expansion Nails to fix the bracket of the lamp.



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

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



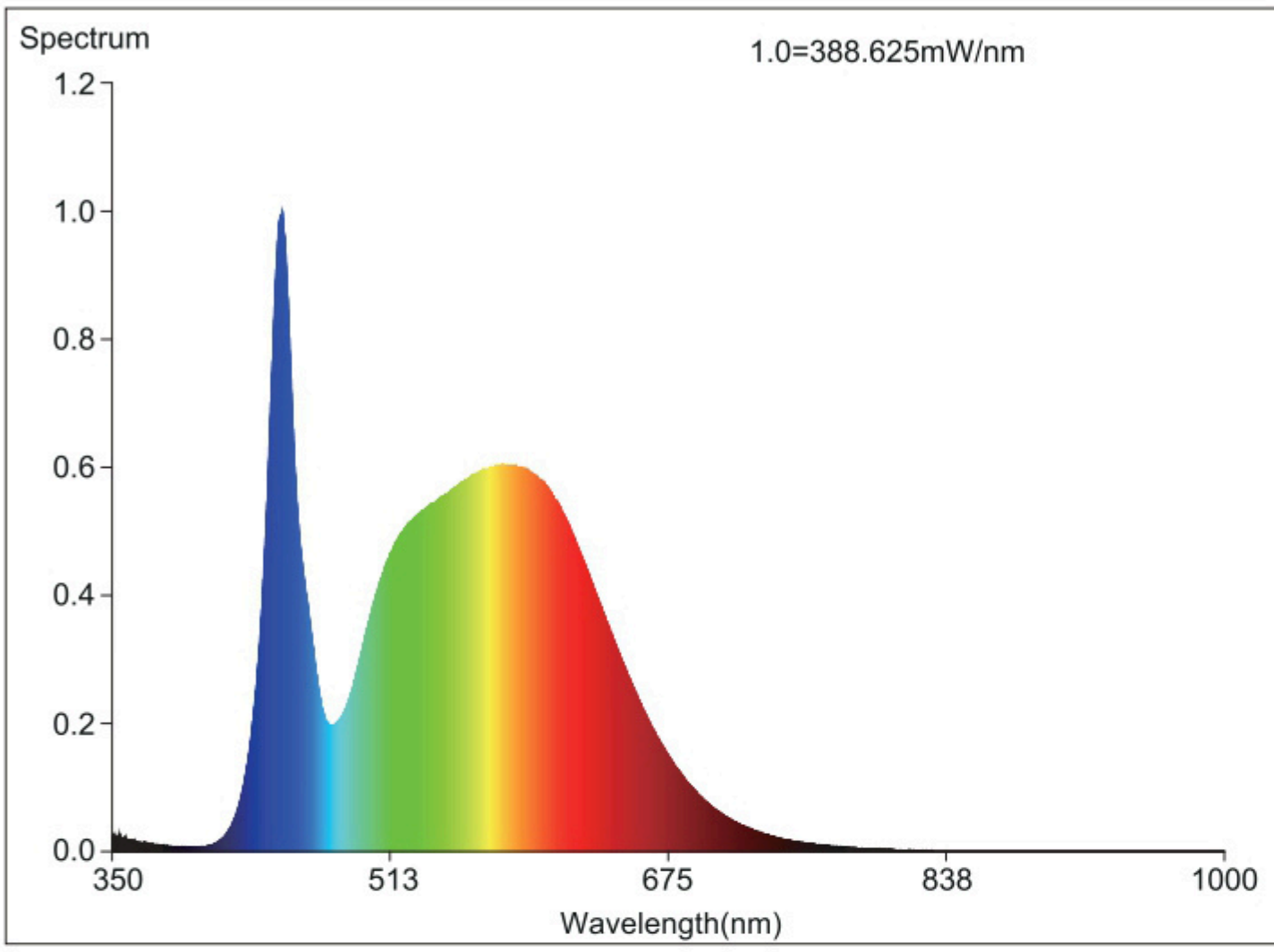


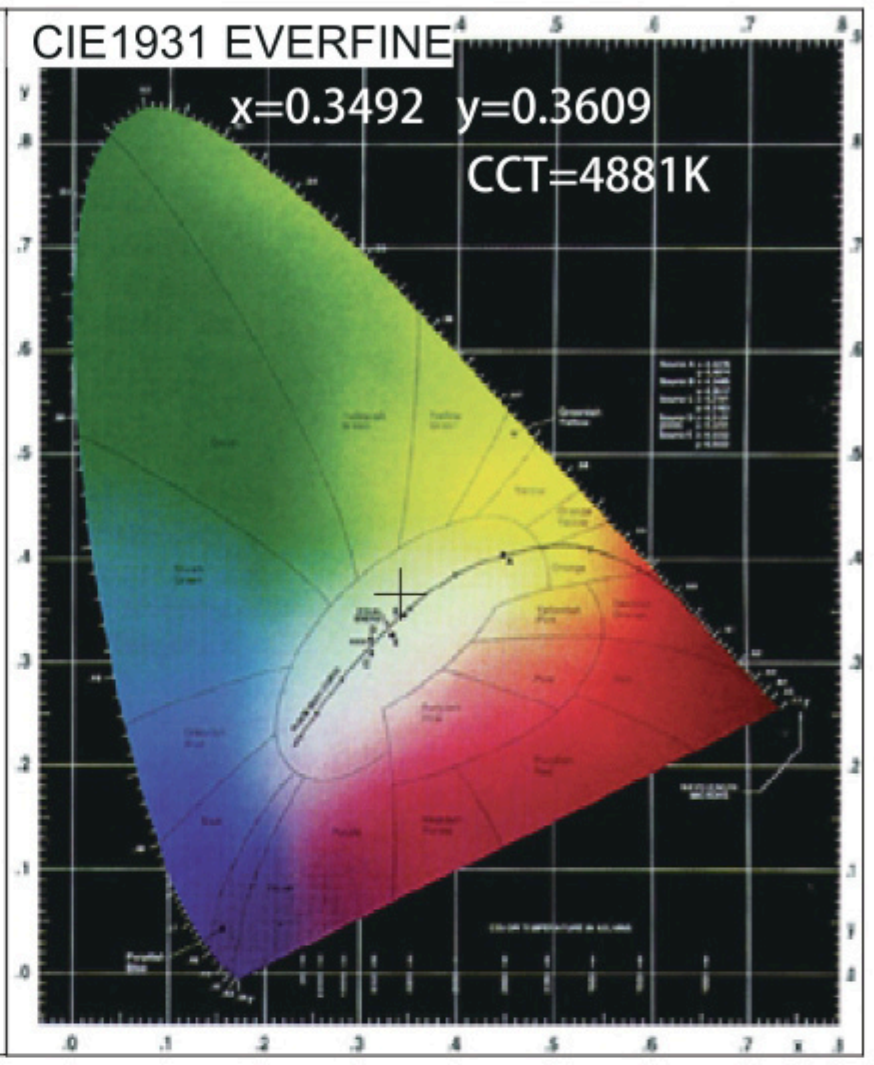
5. When you use junctionbox and strain relief, please make sure to follow the installation requirements as below:
Material: Zinc-iron Turn off power supply.
The diameter of the hole for power cord do not more than 10mm
Put the power cordin the junction box, and make a knotin the cord as strain relief.
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.

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

TEST DATA

100W LED FLOOD LIGHT





Color Parameters:

Chromaticity Coordinate:x=0.3492 y=0.3609/u'=0.2106 v'=0.4897

CCT=4881K(Duv=0.0030) Dominant WL:Ld =571.5nm WL:Lc = --nm Purity=13.1%

Ratio:R=15.7% G=80.2% B=4.1%Peak WL:Lp=449.4nm FWHM=19.3nm

Render Index:Ra=81.7 AvgR=74.1 TM30:Rf=83 Rg=96

Eff(PPF)=1.27770

R1 =80	**R2 =86**	**R3 =91**	**R4 =82**	**R5 =80**	**R6 =80**	**R7 =88**	
R8 =67	**R9 =5**	**R10=67**	**R11=81**	**R12=56**	**R13=81**	**R14=95**	**R15=74**

Photo Parameters:

Flux = 124577.2 lm Eff. : 123.1 lm/W Fe = 45.83 W

Photosynthetic:PPF:205.45umol/s PAR WATT:44765mW(400-700nm)

Electrical parameters:

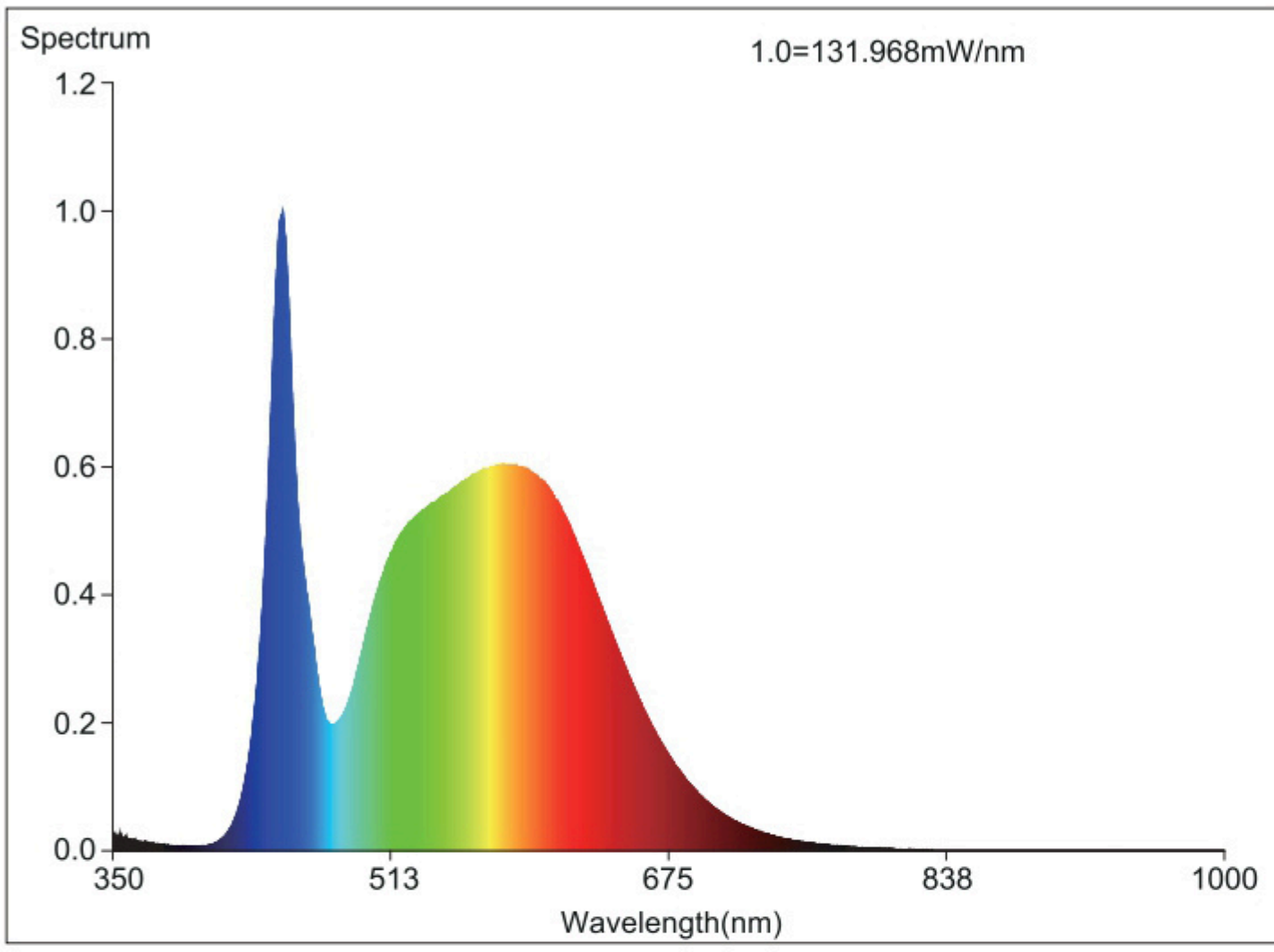
V = 119.95 V I = 0.844A P = 101.2 W PF = 0.9957

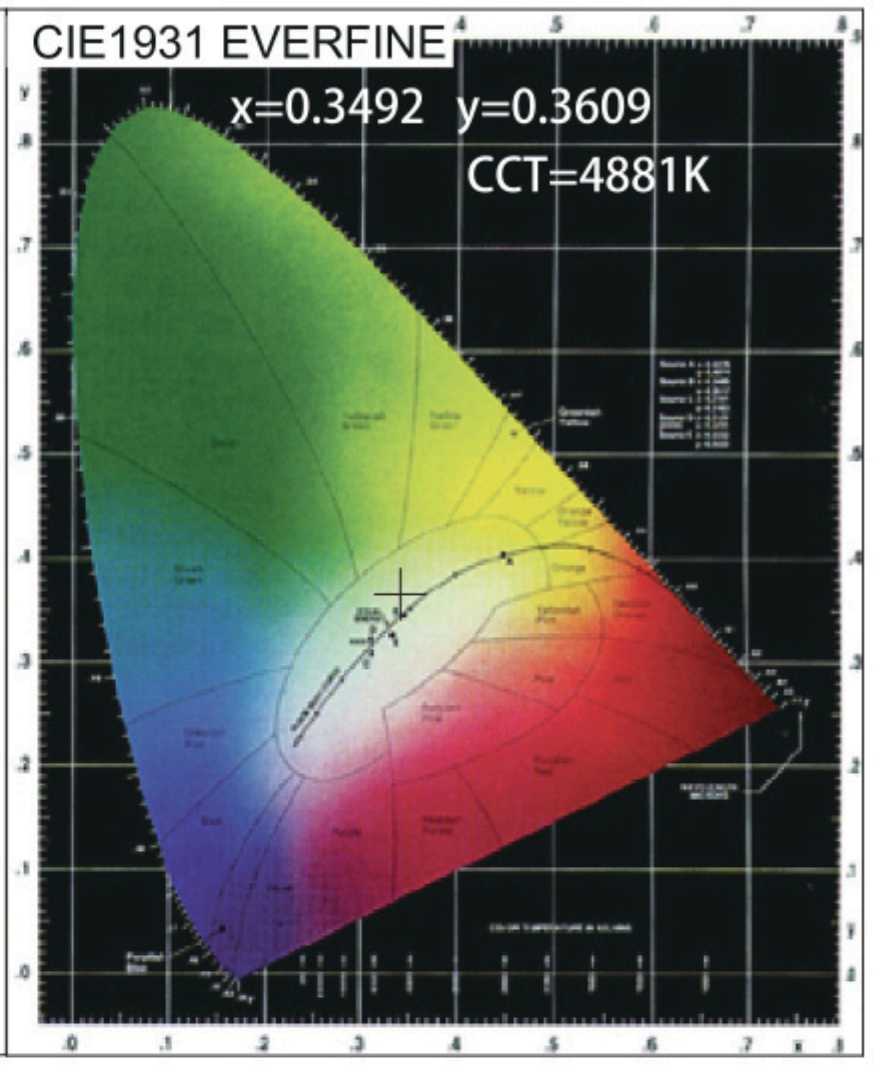
LEVEL:OUT WHITE:ANSI_5000K

LUMENS DEPOT
PRO LIGHTING SOLUTION
Tel: +18007658555 E-mail: helpdesk@lumensdepot.com https:www.lumensdepot.com
Address: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

TEST DATA

150W LED FLOOD LIGHT





Color Parameters:

Chromaticity Coordinate:x=0.3492 y=0.3609/u'=0.2106 v'=0.4897

CCT=4881K(Duv=0.0030) Dominant WL:Ld =571.5nm WL:Lc = --nm Purity=13.1%

Ratio:R=15.7% G=80.2% B=4.1% Peak WL:Lp=449.4nm FWHM=19.3nm

Render Index:Ra=81.7 AvgR=74.1 TM30:Rf=83 Rg=96

Eff(PPF)=1.27657

R1 =80	**R2 =86**	**R3 =91**	**R4 =82**	**R5 =80**	**R6 =80**	**R7 =88**	
R8 =67	**R9 =5**	**R10=67**	**R11=81**	**R12=56**	**R13=81**	**R14=95**	**R15=74**

Photo Parameters:

Flux = 18399.5 lm Eff. : 122.5 lm/W Fe = 45.83 W

Photosynthetic:PPF:205.45umol/s PAR WATT:44765mW(400-700nm)

Electrical parameters:

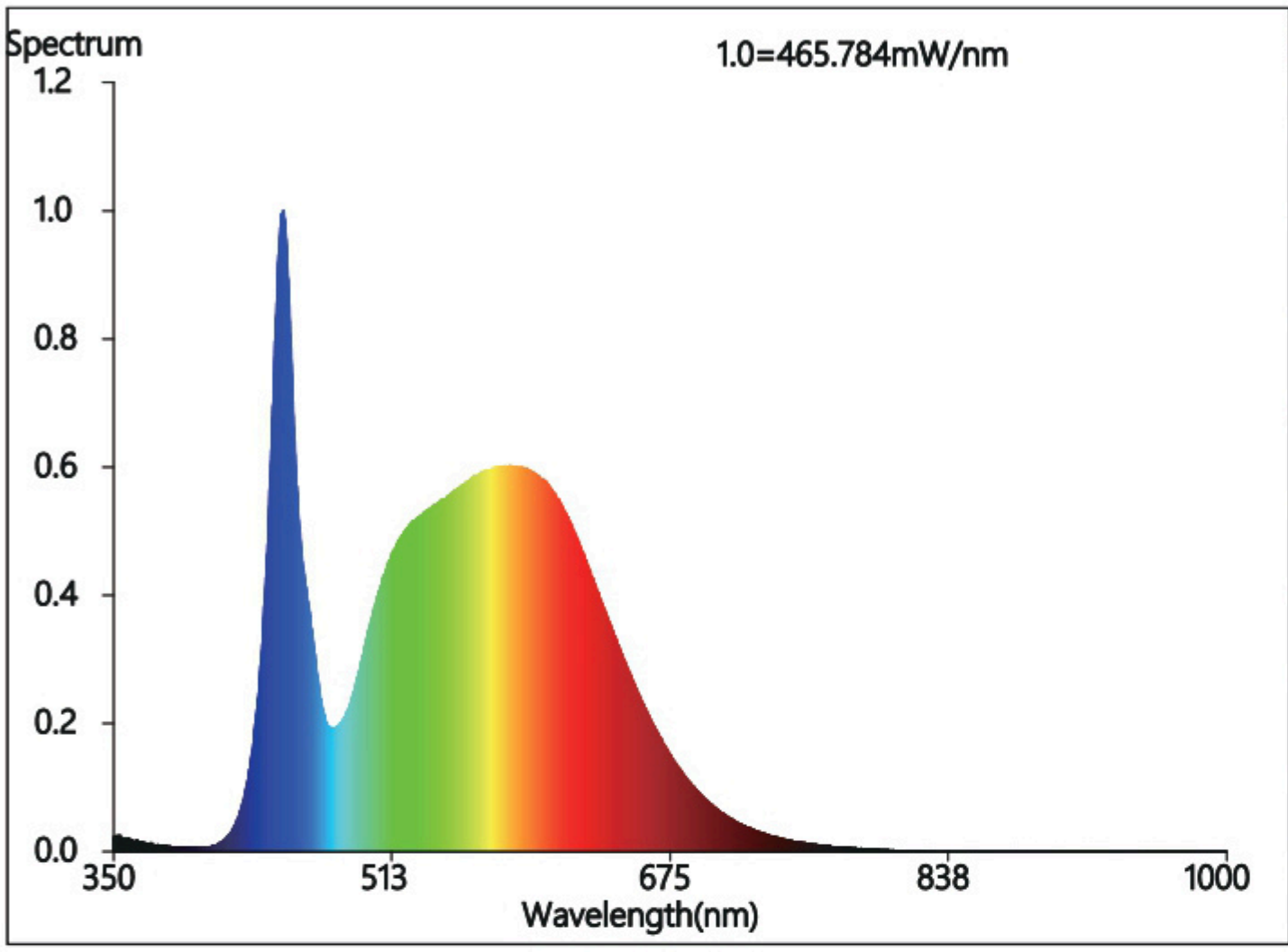
V = 119.95 V I = 1.252A P = 150.2 W PF = 0.9957

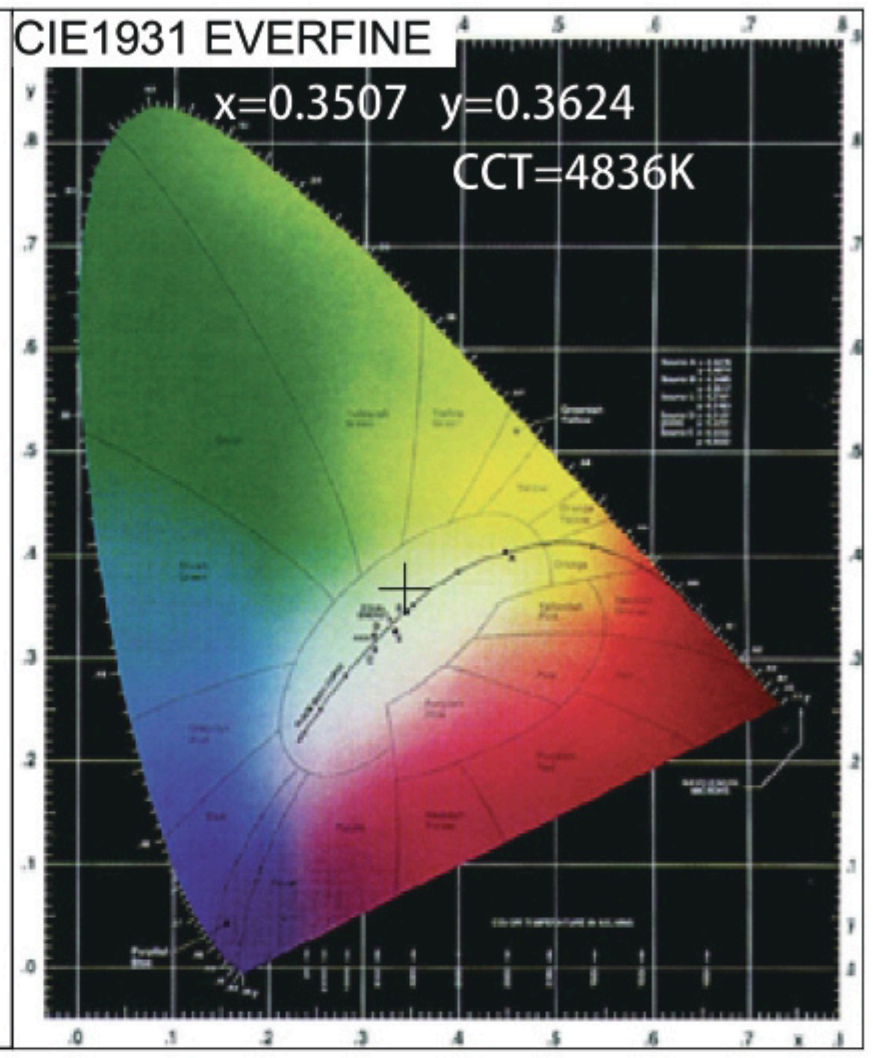
LEVEL:OUT WHITE:ANSI_5000K

LUMENS DEPOT
PRO LIGHTING SOLUTION
Tel: +18007658555 E-mail: helpdesk@lumensdepot.com https:www.lumensdepot.com
Address: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

TEST DATA

200W LED FLOOD LIGHT





Color Parameters:

Chromaticity Coordinate:x=0.3507 y=0.3624/u'=0.2110 v'=0.4906

CCT=4836K(Duv=0.0031) Dominant WL:Ld =571.9nm WL:Lc = --nm Purity=14.0%

Ratio:R=15.9% G=80.1% B=4.0% Peak WL:Lp=449.4nm FWHM=18.6nm

Render Index:Ra=81.8 AvgR=74.3 TM30:Rf=83 Rg=96

Eff(PPF)=1.37111

R1 =80	R2 =86	R3 =91	R4 =82	R5 =80	R6 =81	R7 =88	
R8 =67	R9 =6	R10=67	R11=81	R12=56	R13=81	R14=95	R15=74

Photo Parameters:

Flux = 24944.92 lm Eff. : 124.6 lm/W Fe = 54.75 W

Photosynthetic:PPF:245.7umol/s PAR WATT:53473mW(400-700nm)

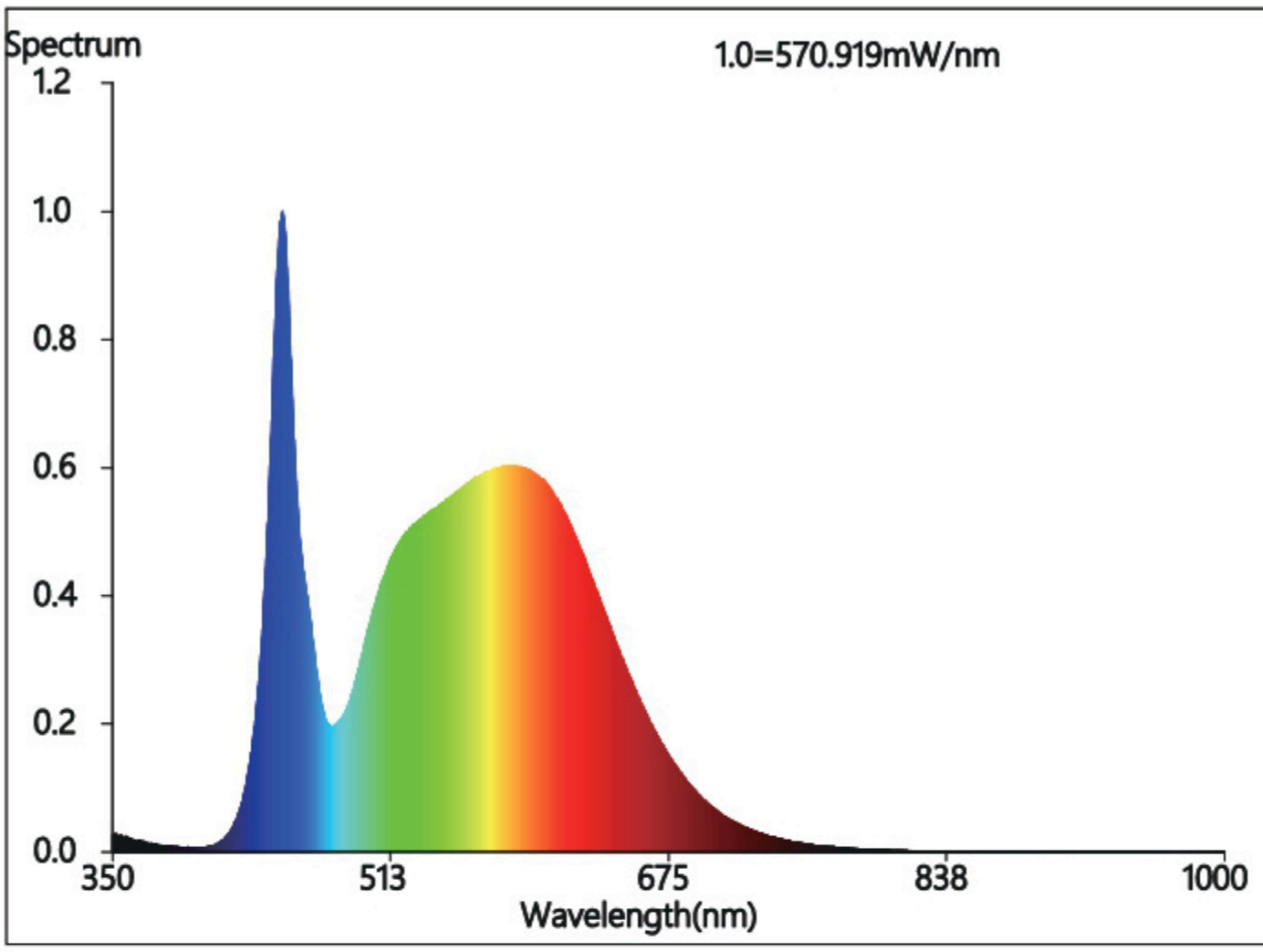
Electrical parameters:

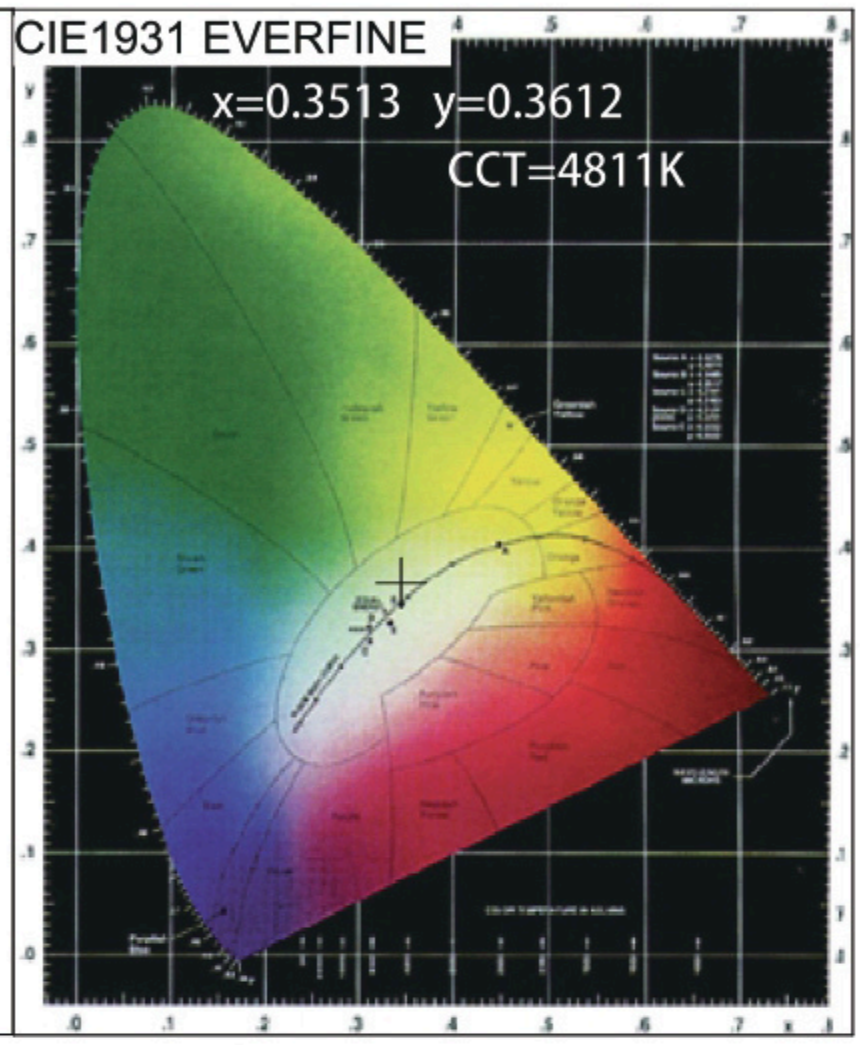
V = 119.98 V I = 1.502 A P = 200.2 W PF = 0.9966

LEVEL:OUT WHITE:ANSI_5000K

TEST DATA

240W LED FLOOD LIGHT





Color Parameters:

Chromaticity Coordinate:x=0.3513 y=0.3612/u'=0.2119 v'=0.4902

CCT=4811K(Duv=0.0023) Dominant WL:Ld =572.8nm WL:Lc = --nm Purity=13.8%

Ratio:R=16.0% G=79.9% B=4.1% Peak WL:Lp=449.4nm FWHM=18.8nm

Render Index:Ra=82.2 AvgR=74.9 TM30:Rf=83 Rg=96

Eff(PPF)=1.28611

R1 =80	R2 =87	R3 =91	R4 =82	R5 =81	R6 =81	R7 =88	
R8 =68	R9 =8	R10=68	R11=81	R12=56	R13=82	R14=95	R15=75

Photo Parameters:

Flux = 30502.56 lm Eff. : 127.2 lm/W Fe = 67.01 W

Photosynthetic:PPF:300.7umol/s PAR WATT:65426mW(400-700nm)

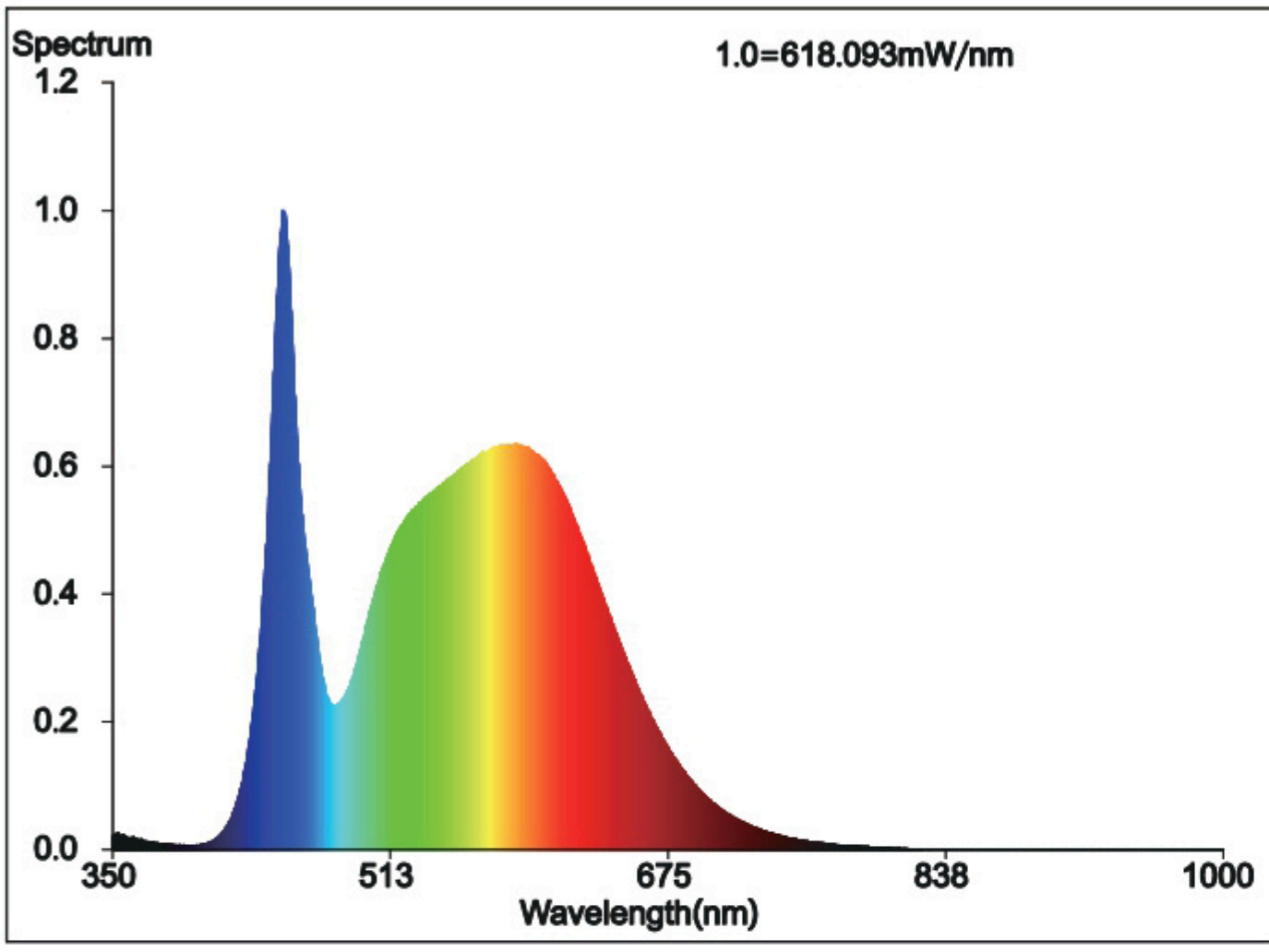
Electrical parameters:

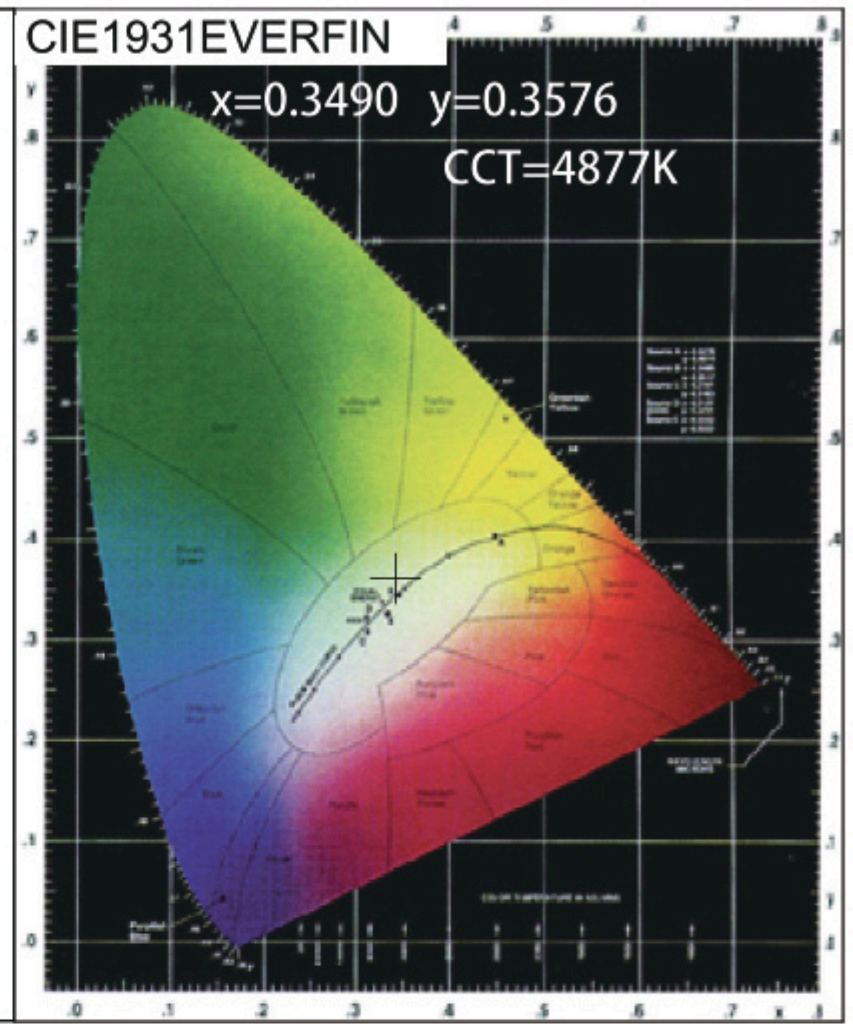
V = 119.94 V I = 1.799 A P = 239.8 W PF = 0.9920

LEVEL:OUT WHITE:ANSI_5000K

TEST DATA

300W LED FLOOD LIGHT





Color Parameters:

Chromaticity Coordinate:x=0.3490 y=0.3576/u'=0.2117 v'=0.4882

CCT=4877K(Duv=0.0015) Dominant WL:Ld =572.8nm WL:Lc = --nm Purity=12.0%

Ratio:R=16.0% G=79.8% B=4.2% Peak WL:Lp=449.5nm FWHM=21.6nm

Render Index:Ra=82.6 vgR=75.4 TM30:Rf=83 Rg=96

Eff(PPF)=1.21119

R1 =81	R2 =87	R3 =92	R4 =82	R5 =81	R6 =82	R7 =88	
R8 =68	R9 =9	R10=69	R11=81	R12=58	R13=82	R14=95	R15=76

Photo Parameters:

Flux = 37364.46 lm Eff. : 125.3 lm/W Fe = 76.92W

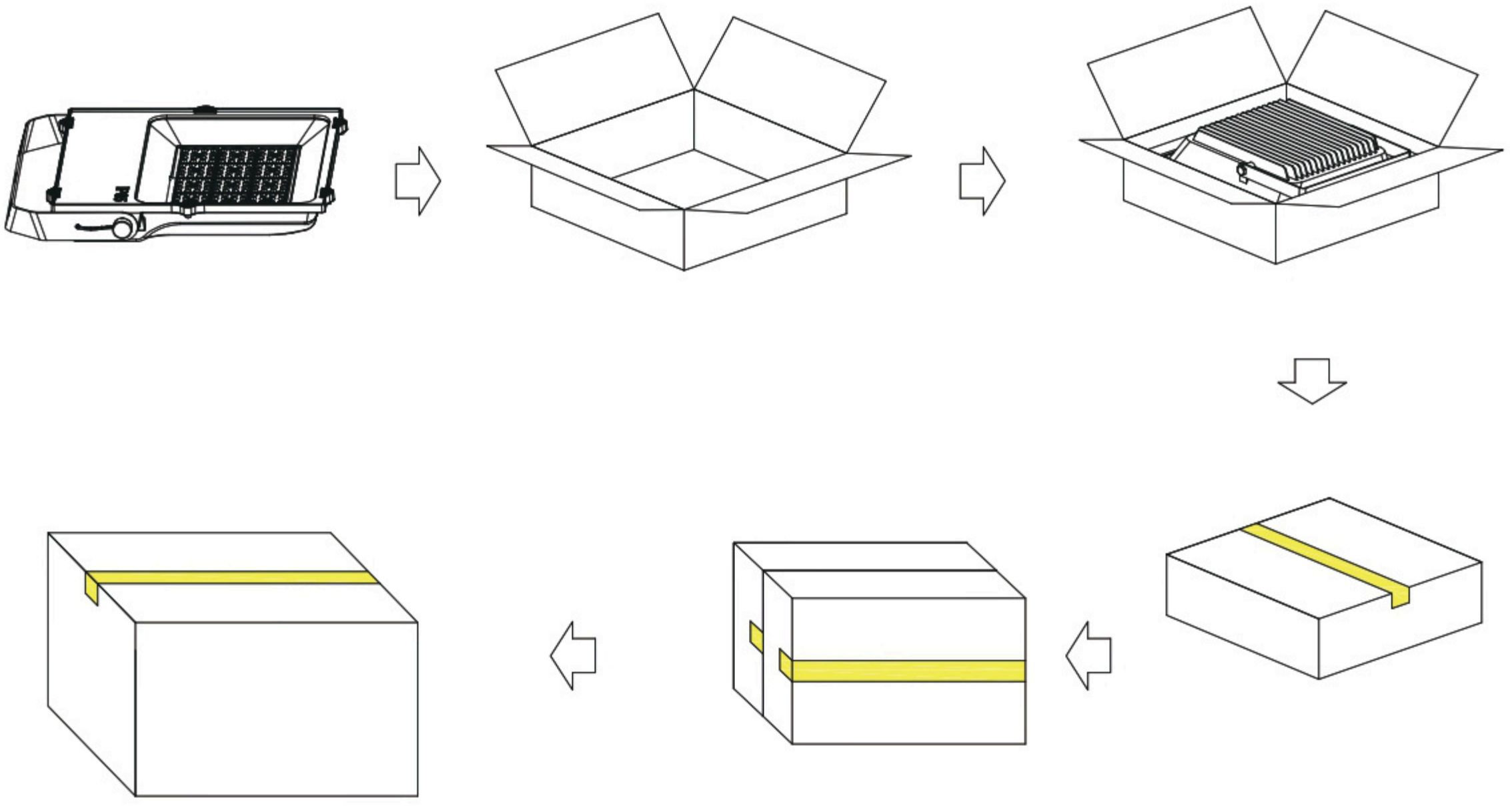
Photosynthetic:PPF:344.63umol/s PR WTT:75112mW(400-700nm)

Electrical parameters:

V = 119.96 V I = 2.389 P = 298.2 W PF = 0.99

LEVEL:OUT WHITE:NSI_5000K

PACKAGE



Power	Unit	Size	Grass weight	Volume
100W	3PCS	505X460X420mm	15.0 Kg	0.098m³
150W	2PCS	537X310X460mm	13.0 Kg	0.077m³
200W	2PCS	577X310X490mm	14.4 Kg	0.088m³
240W	2PCS	650X300X490mm	17.5 Kg	0.096m³
300W	1PCS	610X500X125mm	10.5Kg	0.038m³