

LED Shoebox Light

100W~320W LED Shoebox fixture with photocell function easy switch to no photocell function.

Adopt high transmittance protective lens and 140Lm/W SMD 3030 with Type II, Type III, Type V distributions for options. High strength aluminum housing with bronze UV resistant powder coat finish offers durable outstanding corrosion protection and make sure good heat dissipation and long lifespan.



Features

- 100W 150W 200W 240W 320W
- High transmittance protective lens
- ETL cETL approved
- Type II, Type III, Type V distributions
- Photocell auto switch to regular
- Trunnion, slip fitter, All in one pole bracket
- IP65 Dust free and waterproof
- Die-casting housing anti-corrosion
- 6K High voltage Surge test approved.
- SMD3030 140Lm/W LED chips.
- 100-277VAC Input
- 50,000hrs lifespan
- Ambient operating temperature -40°C to 45° C
- Replace 400~1500W metal halide/HPS
- No magnetic disturbance driver design
- Application in parking lot, street, Garden, yard etc..



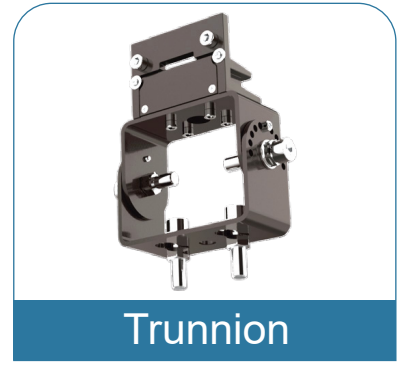
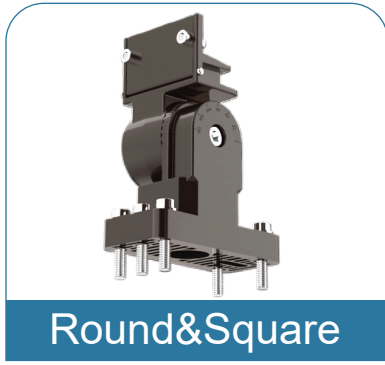
Applications

LED Shoebox lamp series can be widely used in urban roads, Industrial areas, Residential areas, Sidewalks, Parking lot, Schools, Gardens and etc.



Series	Lumens	LED Quantity	Wiring	LED Type	Beam Angle Degree	Electrical Data	Color Temperature	Color rendering index
NG-PL-100W	14000 Lm	294PCS	LIVE NAUGHT EARTH	SMD3030 chips	TYPE II TYPE III TYPE V	Input Voltage 100-277VAC 50/60Hz Power Factor(%) >90	WW 3000 K NW 4000 K DW 5000 K CW 5700 K	CRI>80
NG-PL-150W	21000 Lm	294PCS						
NG-PL-200W	28000 Lm	294PCS						
NG-PL-240W	33600 Lm	432PCS						
NG-PL-320W	44800 Lm	432PCS						

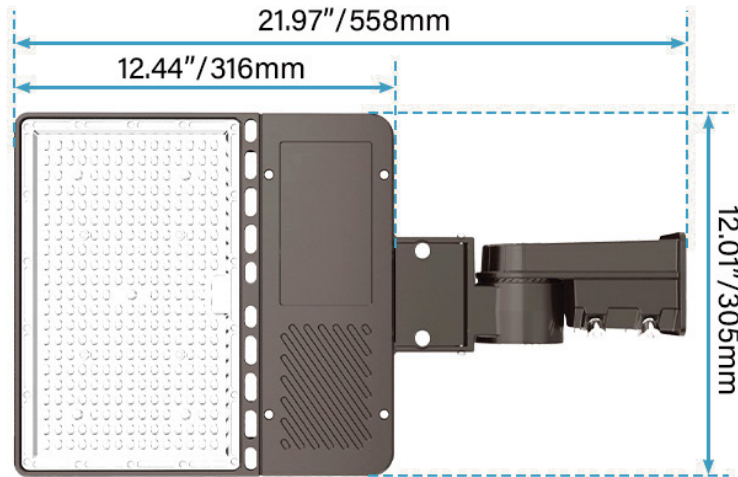
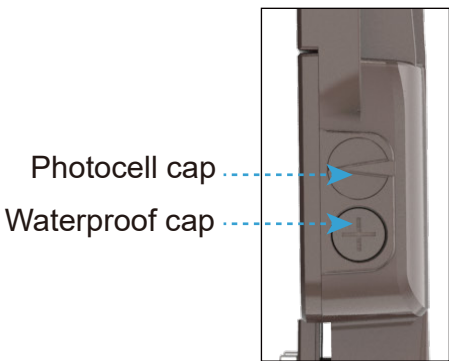
DIMENSION



100W

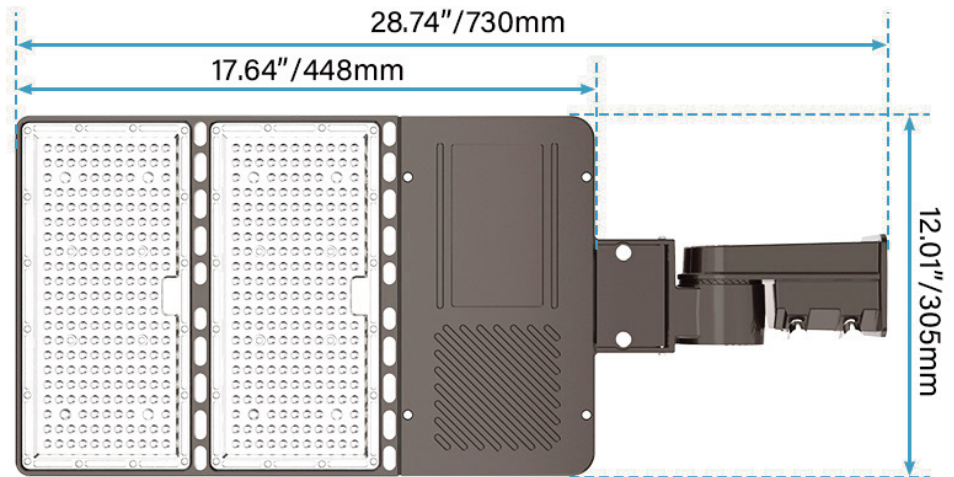
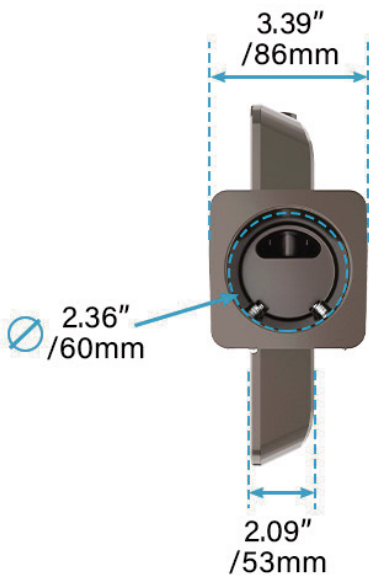
150W

200W

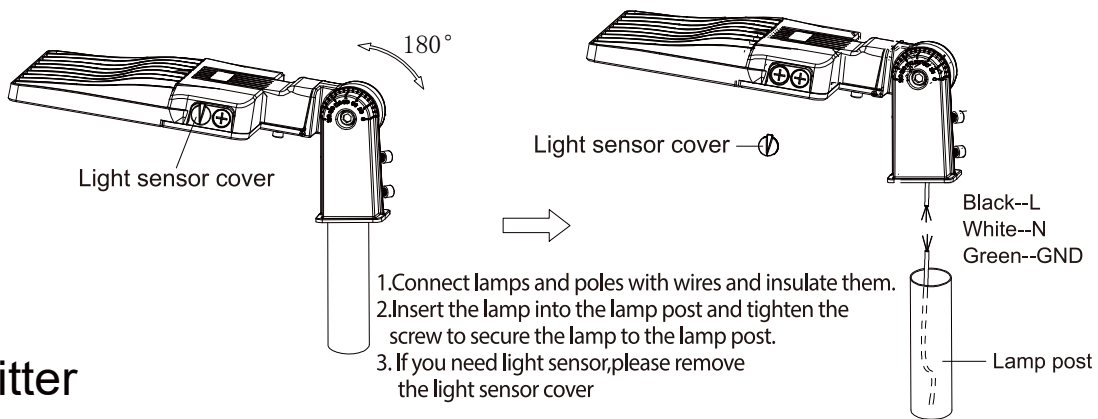


240W

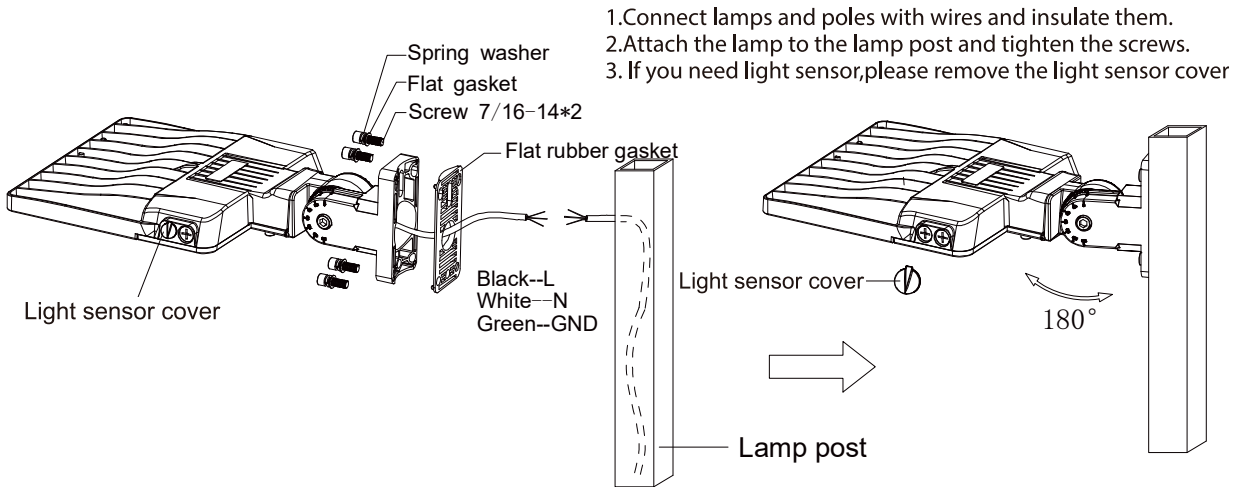
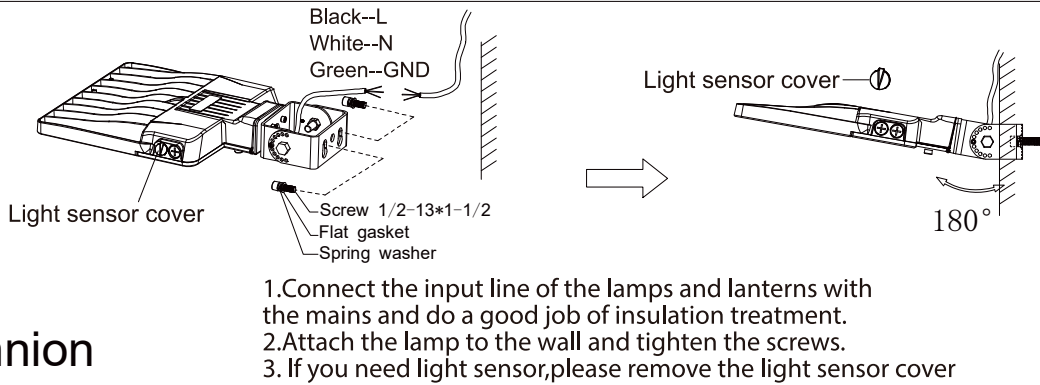
320W



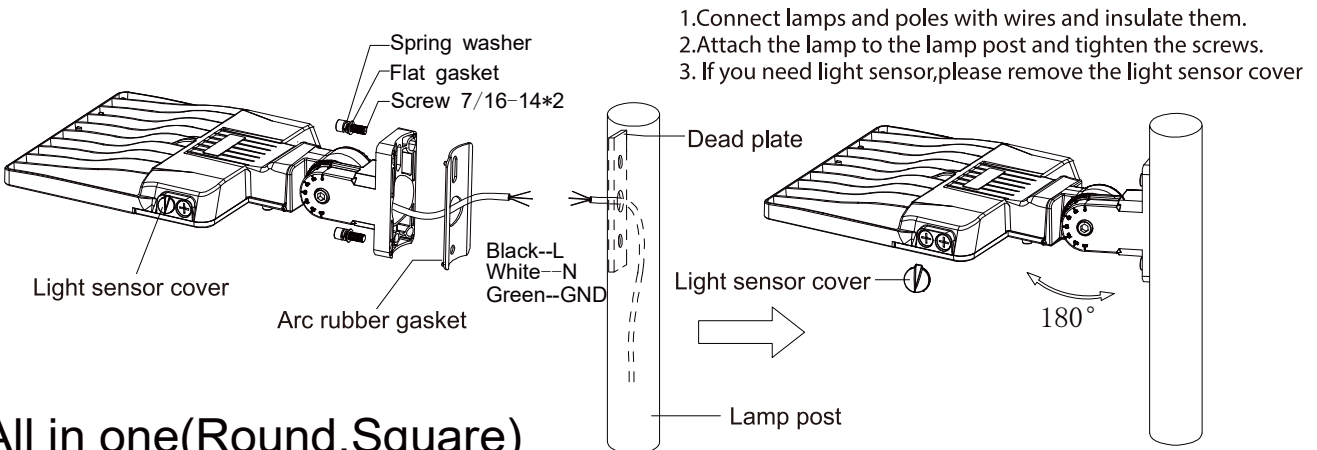
Slip fitter



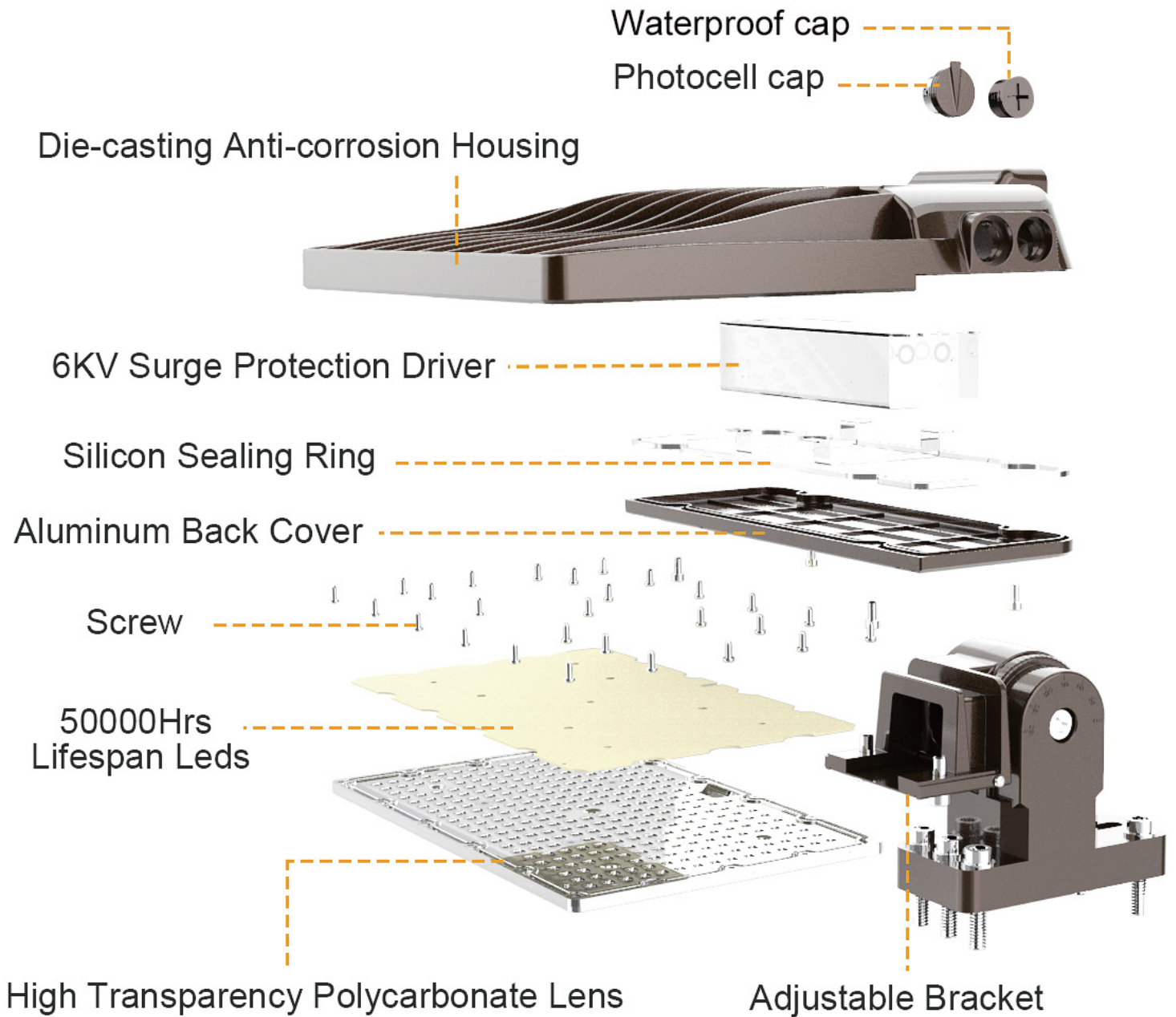
Trunnion



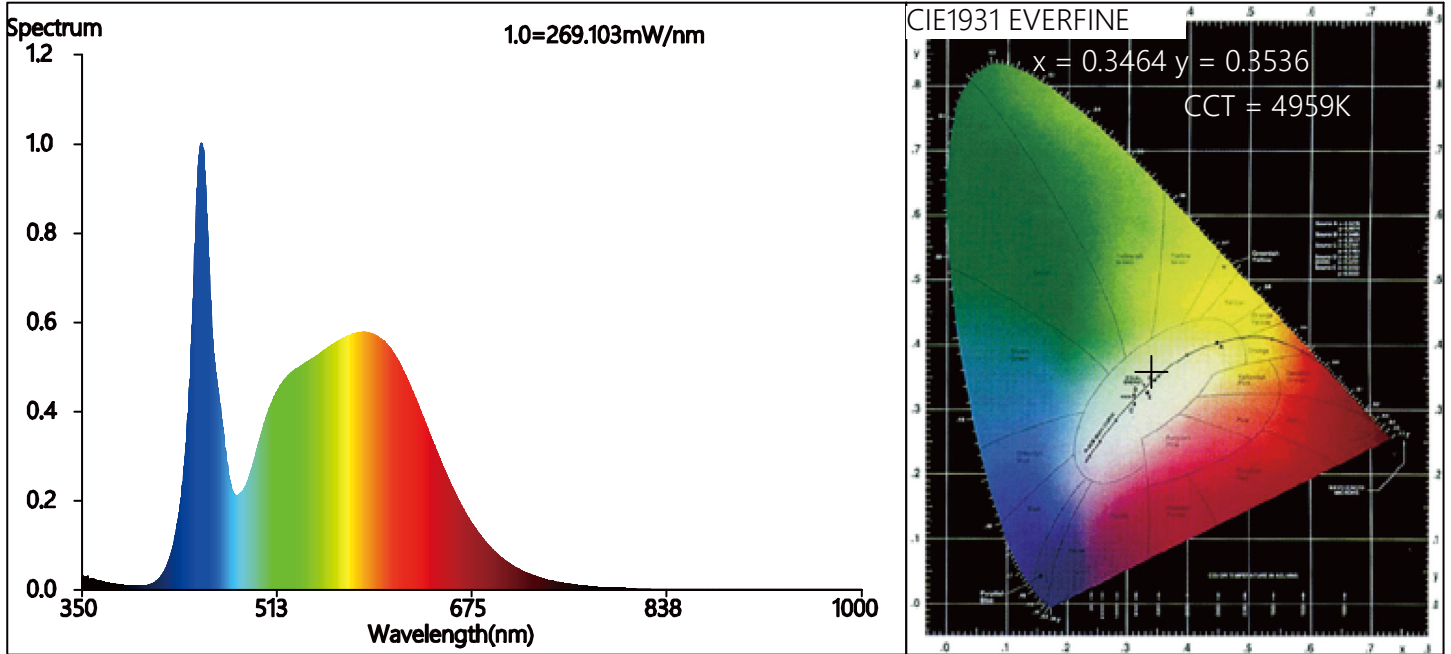
All in one(Round, Square)



STRUCTURE



100W LED SHOEBOX LIGHT



Color Parameters:

Chromaticity Coordinate: $x=0.3464$ $y=0.3536$ / $u'=0.2115$ $v'=0.4858$
 CCT=4959K(Duv=0.0005) Dominant WL:Ld=572.7nm WL:Lc =--nm Purity=10.0%
 Ratio:R= 16.0% G=79.6% B=4.4% Peak WL:Lp=449.5nm FWHM=19.8nm
 Render Index:Ra=83.7 AvgR=76.9 TM30:Rf=83 Rg=97 Lav=554.5nm

Eff(PPF)=1.39882

R1 =82	R2 =88	R3 =92	R4 =84	R5 =82	R6 =83	R7=88		
R8 =70	R9 =14	R10 =72	R11=83	R12=59	R13=84	R14=96	R15=77	

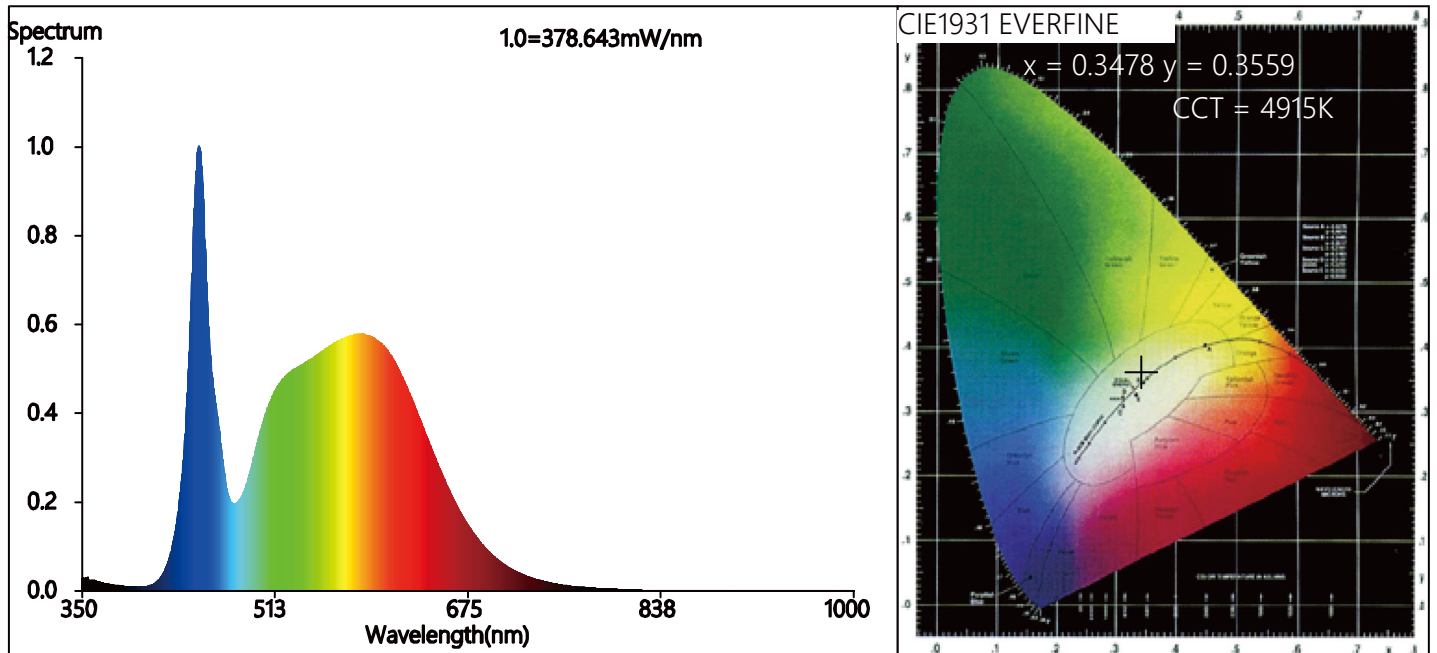
Photo Parameters:

Flux = 13871.5 lm Eff.: 140.3 lm/W Fe= 30.95 W
 Photosynthetic:PPF:138.3umol/s PAR WATT:30182mW(400-700nm)

Electrical parameters:

V= 120.16V I=0.8288A P= 98.87 W PF = 0.9928
 LEVEL:OUT WHITE:ANSI_5000K

150W LED SHOEBOX LIGHT



Color Parameters:

Chromaticity Coordinate: $x=0.3478$ $y=0.3559$ $u'=0.2116$ $v'=0.4872$
 CCT=4915K(Duv=0.0011) Dominant WL:Ld=572.7nm WL:Lc =--nm Purity=11.1%
 Ratio:R=16.0% G=79.8% B=4.2% Peak WL:Lp=448.4nm FWHM=18.8nm
 Render Index:Ra=83.2 AvgR=76.3 TM30:Rf=83 Rg=97 Lav=554.9nm

Eff(PPF)=1.34125

R1 =82	R2 =87	R3 =91	R4 =84	R5 =82	R6 =82	R7=88	
R8 =69	R9 =12	R10 =70	R11=83	R12=59	R13=83	R14=95	R15=77

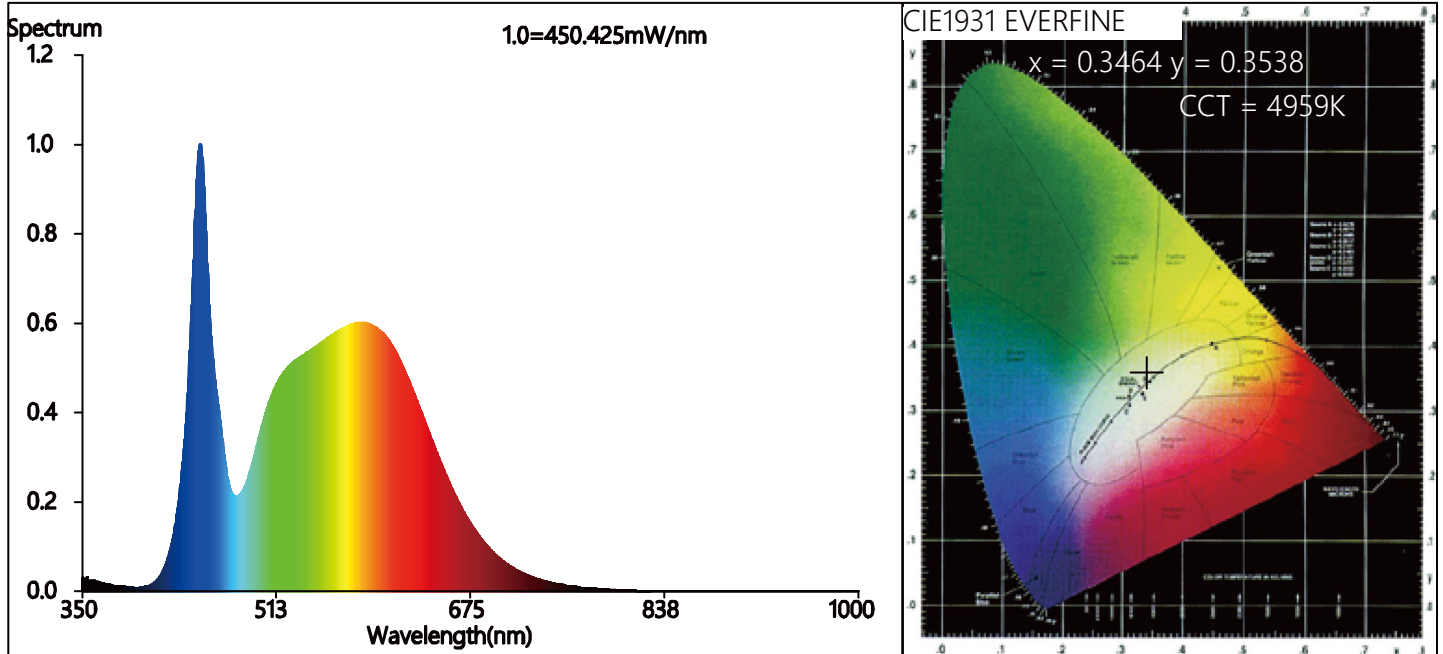
Photo Parameters:

Flux = 19997.54 lm Eff.: 138.2 lm/W Fe= 43.39 W
 Photosynthetic:PPF:194.09umol/s PAR WATT:42335mW(400-700nm)

Electrical parameters:

V= 120.11V I=1.211A P= 144.7W PF = 0.9948
 LEVEL:OUT WHITE:ANSI_5000K

200W LED SHOEBOX LIGHT



Color Parameters:

Chromaticity Coordinate: $x=0.3464$ $y=0.3538$ / $u'=0.2115$ $v'=0.4859$
 CCT=4959K(Duv=0.0006) Dominant WL:Ld=572.7nm WL:Lc =--nm Purity=10.1%
 Ratio:R=16.0% G=79.8% B=4.3% Peak WL:Lp=448.4nm FWHM=20.8nm
 Render Index:Ra=83.3 AvgR=76.4 TM30:Rf=83 Rg=97 Lav=554.3nm

Eff(PPF)=1.22843

R1 =82	R2 =87	R3 =91	R4 =84	R5 =82	R6 =82	R7=88		
R8 =70	R9 =13	R10 =70	R11=83	R12=60	R13=83	R14=95	R15=77	

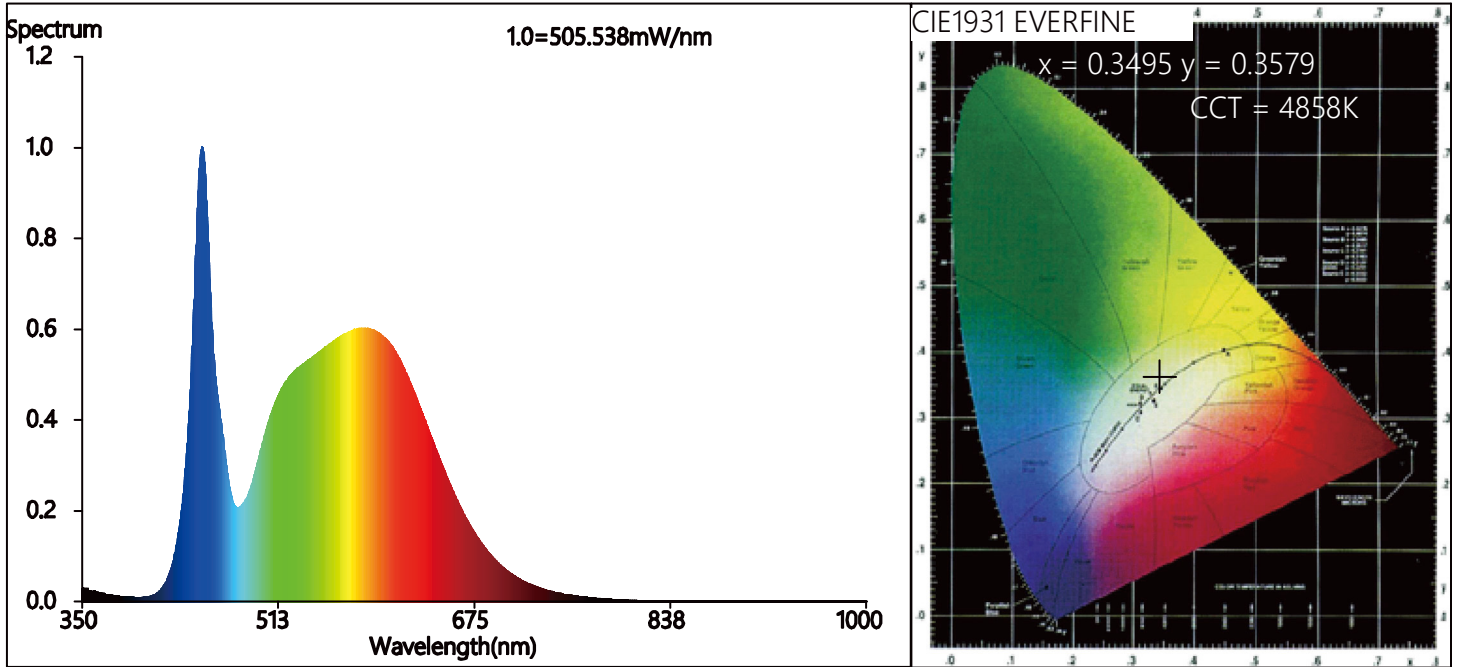
Photo Parameters:

Flux = 27717.56 lm Eff.: 141.2 lm/W Fe= 54.01 W
 Photosynthetic:PPF:241.15umol/s PAR WATT:52663mW(400-700nm)

Electrical parameters:

V= 120.10V I=1.641A P= 196.3W PF = 0.9963
 LEVEL:OUT WHITE:ANSI_5000K

240W LED SHOEBOX LIGHT



Color Parameters:

Chromaticity Coordinate: $x=0.3495$ $y=0.3579$ / $u'=0.2120$ $v'=0.4884$
 CCT=4858K(Duv=0.0014) Dominant WL:Ld=573.1nm WL:Lc =--nm Purity=12.3%
 Ratio:R=16.0% G=79.8% B=4.2% Peak WL:Lp=449.5nm FWHM=19.7nm
 Render Index:Ra=82.6 AvgR=75.4 TM30:Rf=83 Rg=97 Lav=555.8nm

Eff(PPF)=1.22843

R1 =81	R2 =87	R3 =91	R4 =83	R5 =81	R6 =82	R7=88
R8 =68	R9 =10	R10 =69	R11=81	R12=57	R13=82	R14=95

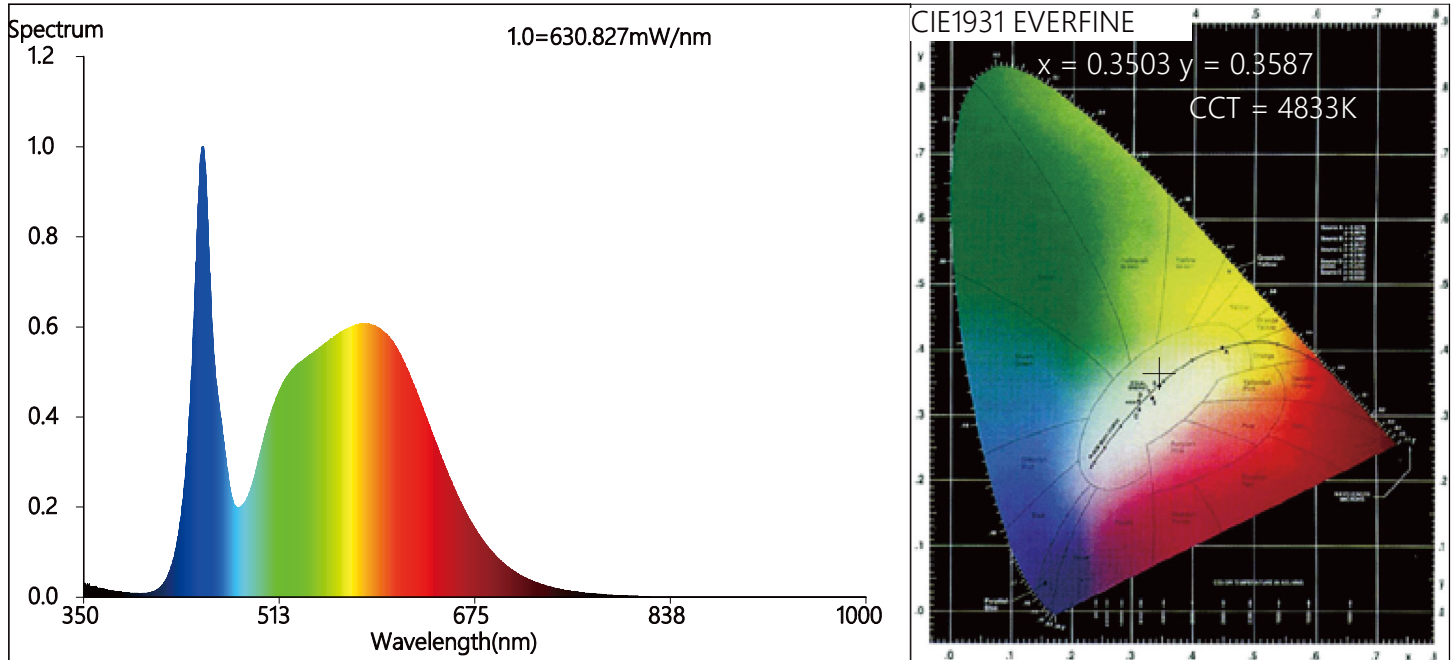
Photo Parameters:

Flux = 32025.8lm Eff.: 138.4 lm/W Fe= 59.59 W
 Photosynthetic:PPF:266.83umol/s PAR WATT:58125mW(400-700nm)

Electrical parameters:

V= 120.07V I=1.942A P= 231.4W PF = 0.9925
 LEVEL:OUT WHITE:ANSI_5000K

320W LED SHOEBOX LIGHT



Color Parameters:

Chromaticity Coordinate: $x=0.3503$ $y=0.3587$ / $u'=0.2122$ $v'=0.4889$
 CCT=4833K(Duv=0.0015) Dominant WL:Ld=573.2nm WL:Lc = --nm Purity=12.7%
 Ratio:R=16.0% G=79.8% B=4.1% Peak WL:Lp=449.1nm FWHM=19.4nm
 Render Index:Ra=82.3 AvgR=75.1 TM30:Rf=83 Rg=96 Lav=556.0nm

Eff(PPF)=1.08685

R1 =81	R2 =87	R3 =91	R4 =83	R5 =81	R6 =81	R7=88		
R8 =68	R9 =9	R10 =68	R11=81	R12=58	R13=82	R14=95	R15=75	

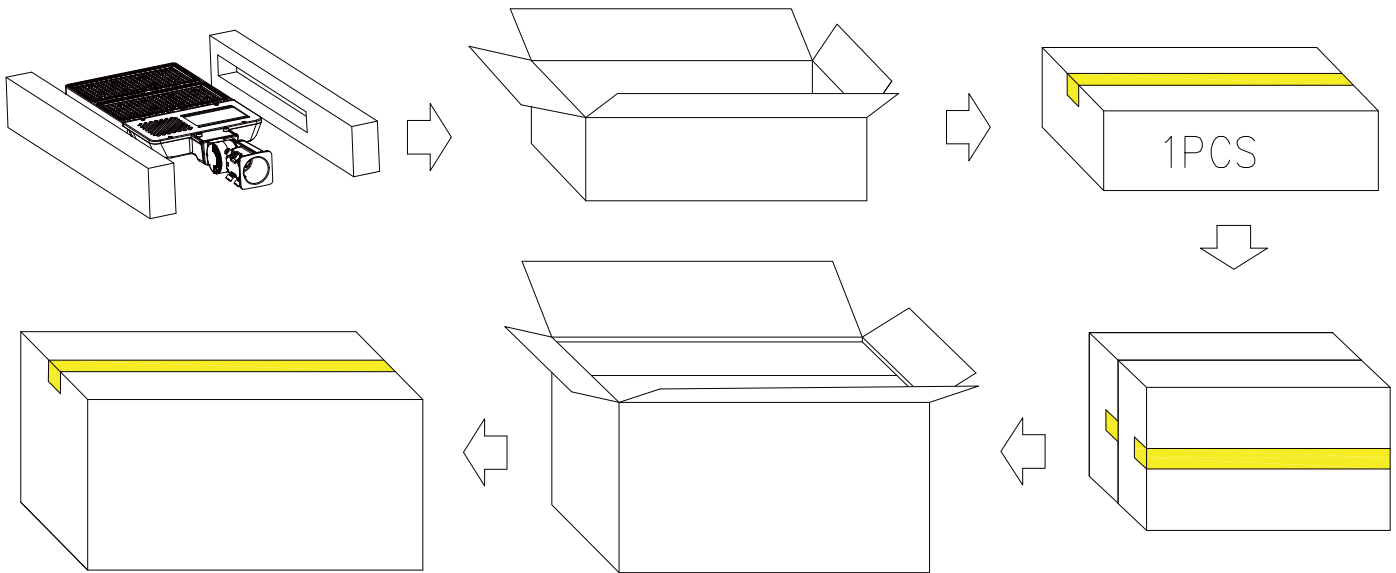
Photo Parameters:

Flux = 43248.9lm Eff.: 140.1 lm/W Fe= 74.92 W
 Photosynthetic:PPF:335.5umol/s PAR WATT:73074mW(400-700nm)

Electrical parameters:

V= 119.97V I=2.587A P= 308.7W PF = 0.9945
 LEVEL:OUT WHITE:ANSI_5000K

PACKAGE



Power	Unit	N.W.	Box Size	G.W.
100W	1PCS	4.95Kg	620x350x145mm	5.75Kg
150W				
200W	3PCS	17.8Kg	640x480x380mm	18.5Kg

Power	Unit	N.W.	Box Size	G.W.
240W	1PCS	6.45Kg	790x350x145mm	7.45Kg
320W	2PCS	15.0Kg	810x330x380mm	15.5Kg