LED Shoebox Light

E500183

150W~320W LED Shoebox fixture with photocell function easy switch to no photocell function.
Adopt high transmittance protective lens
SMD2835 or SMD3030 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

150W 200W 240W 320W
High transmittance protective lens
UL cUL DLC CE 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.
SMD2835 or SMD3030 LED chips.
120-277VAC Input
50,000hrs lifespan
Ambient operating temperature -40C to 45C
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	LED Type	Wiring	Beam Angle Degree	Electrical Data	Color temperature	Color rendering index
150W	21000 Lm	294PCS	SMD 2835 chips	LIVE NAUGHT EARTH	TYPE II TYPE III TYPE V	Input Voltage 120-277VAC 50~60Hz Power Factor(%) >90	WW 3000K NW 4000K DW 5000K CW 5700K	CRI>80
200W	28000 Lm	294PCS	SMD 3030 chips					
240W	33600 Lm	432PCS						
320W	44800 Lm	432PCS						

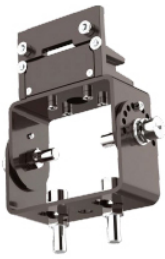
DIMENSION



Slip Fitter

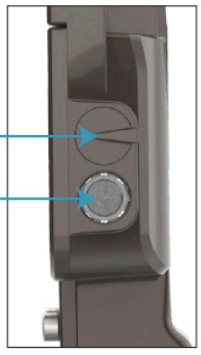


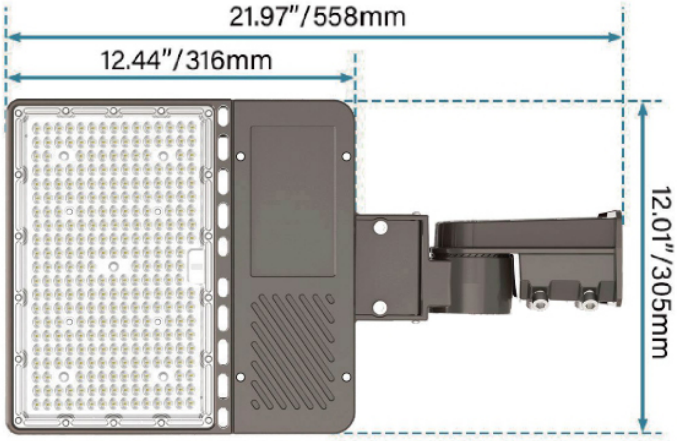
Round&Square



Trunnion

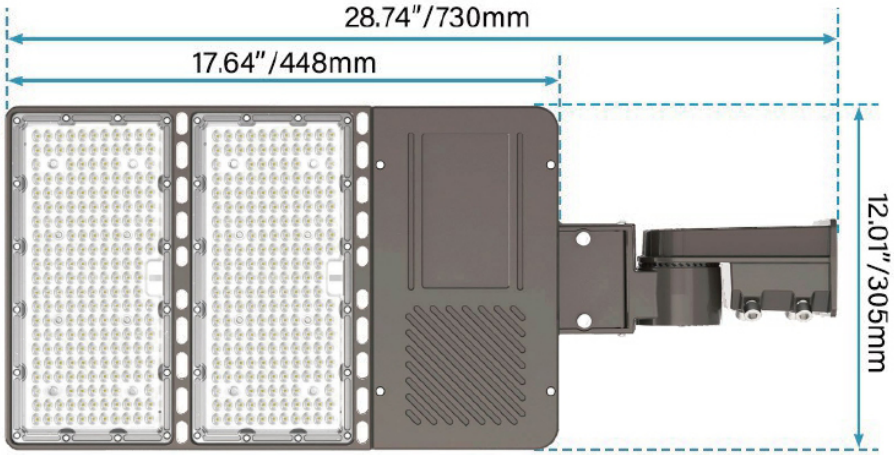
150W 200W





240W 320W

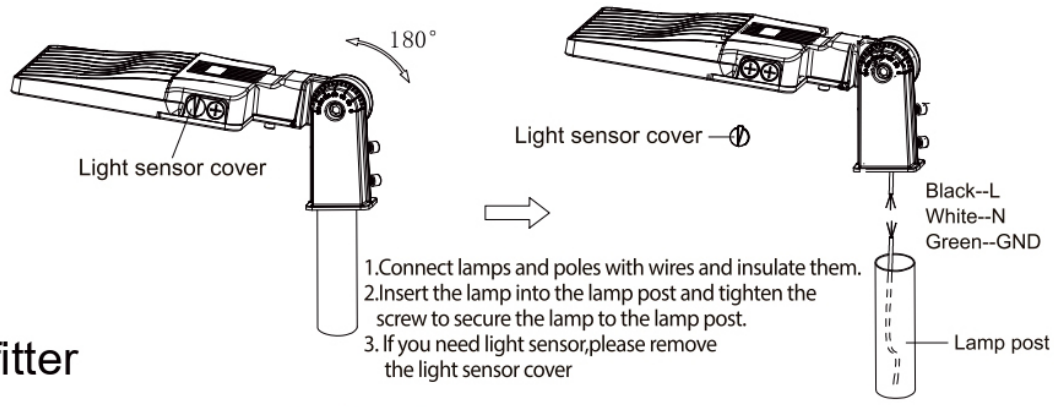




LUMENS DEPOT
PRO LIGHTING SOLUTION
Tel: +18007658555 E-mail: helpdesk@lumensdepot.com https:www.lumensdepot.com
Address: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

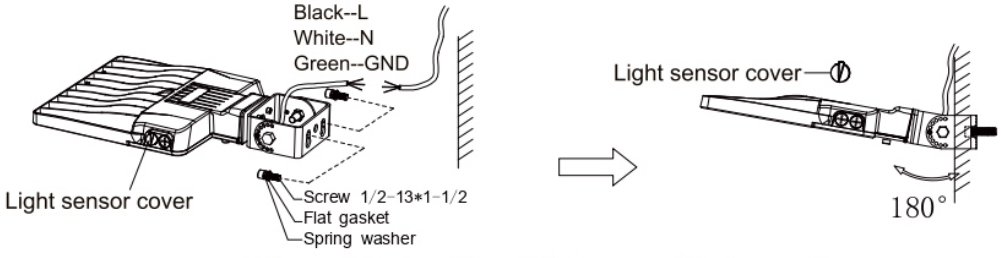
INSTALLATION INSTRUCTIONS

Slip fitter



1.Connect lamps and poles with wires and insulate them.
2.Insert the lamp into the lamp post and tighten the screw to secure the lamp to the lamp post.
3. If you need light sensor,please remove the light sensor cover

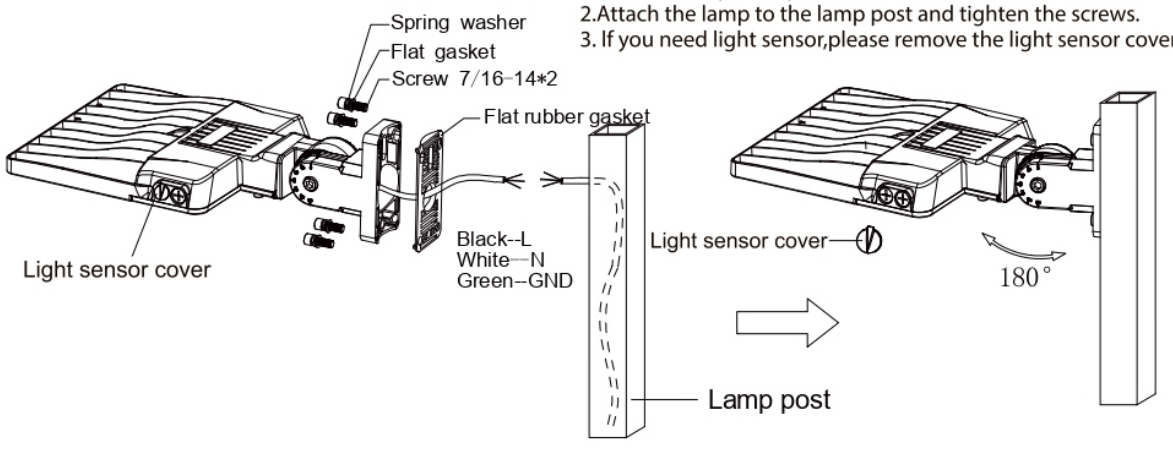
Trunnion



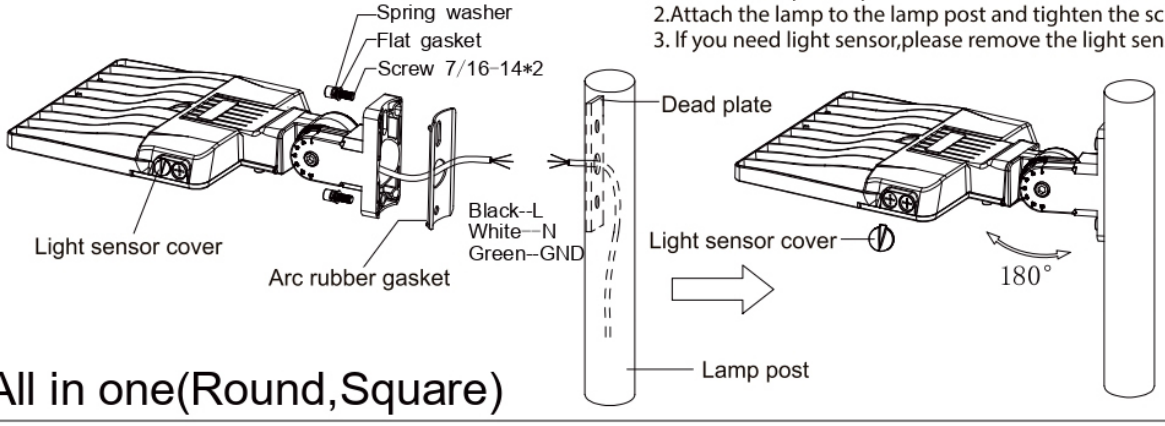
1.Connect the input line of the lamps and lanterns with the mains and do a good job of insulation treatment.
2.Attach the lamp to the wall and tighten the screws.
3. If you need light sensor,please remove the light sensor cover

All in one(Round,Square)

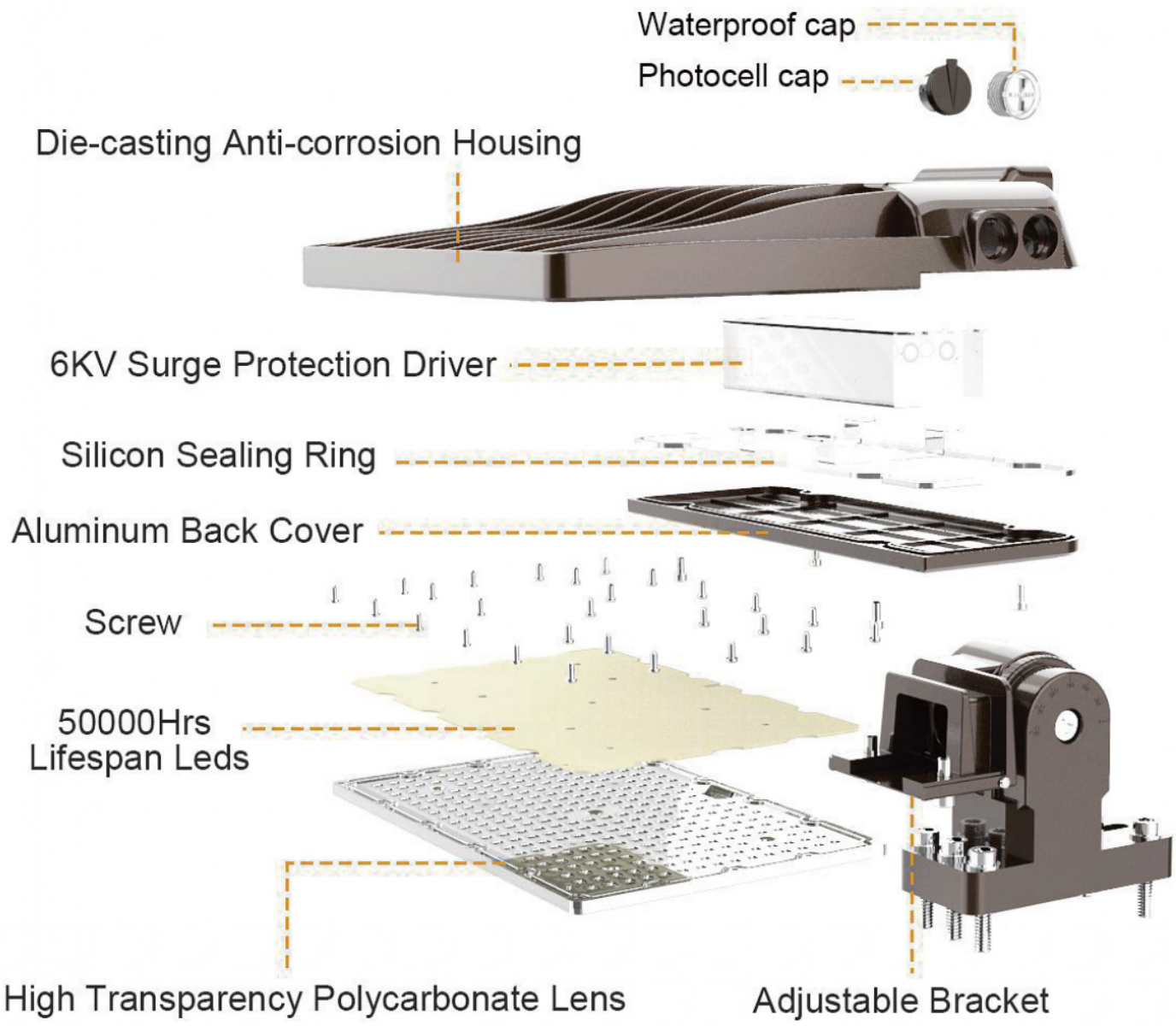
1.Connect lamps and poles with wires and insulate them.
2.Attach the lamp to the lamp post and tighten the screws.
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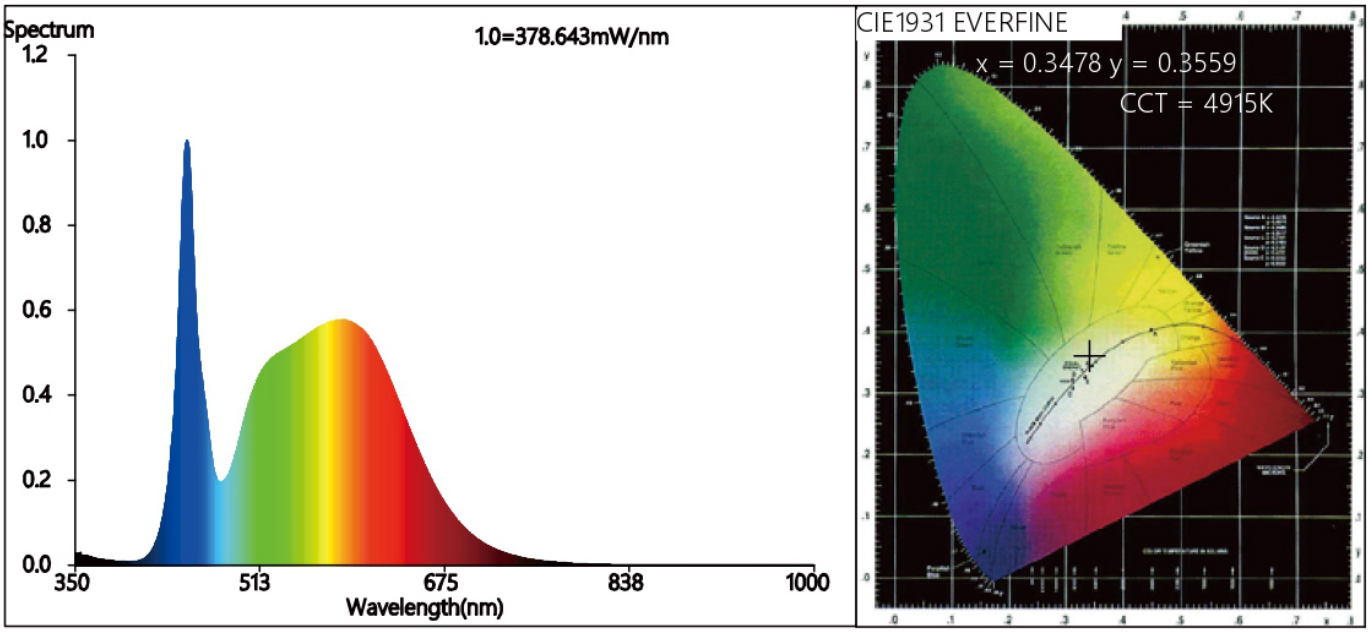


STRUCTURE



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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

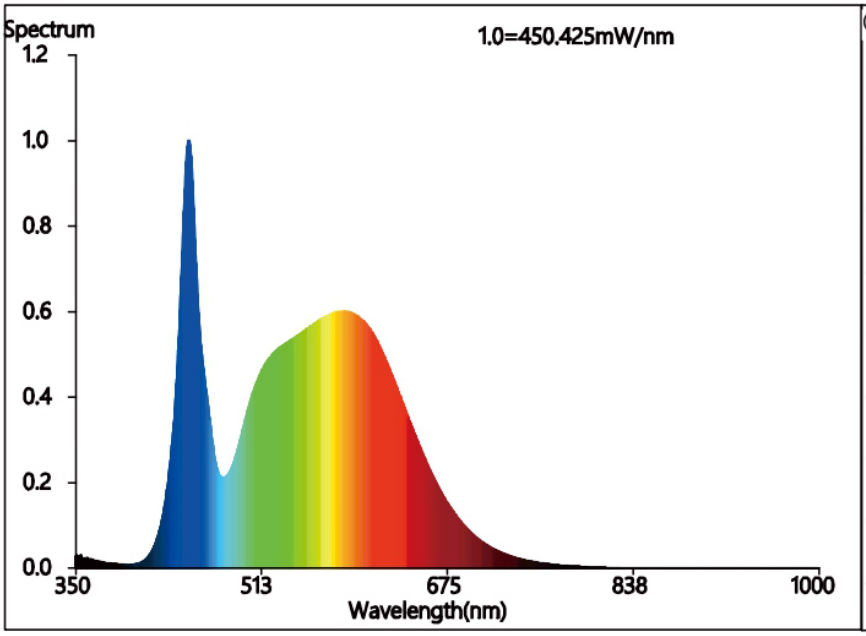
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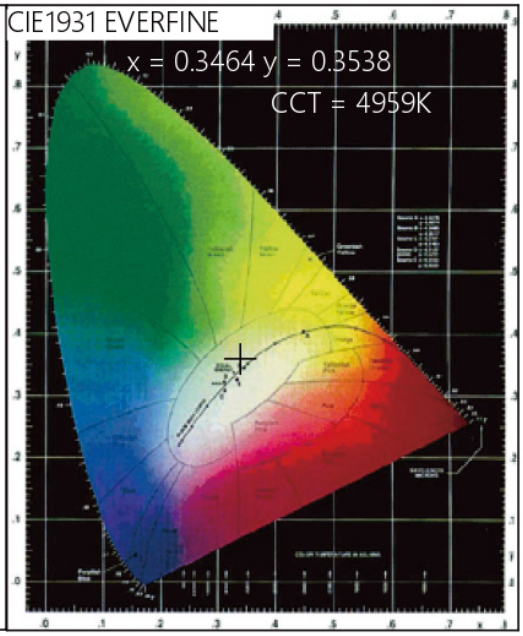
Flux = 19997.54 lm Eff.: 138.2 lm/W Fe= 43.39 W
Photosynthetic:PPF:194.09umol/s PAR WATT:42335mW(400-700nm)

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

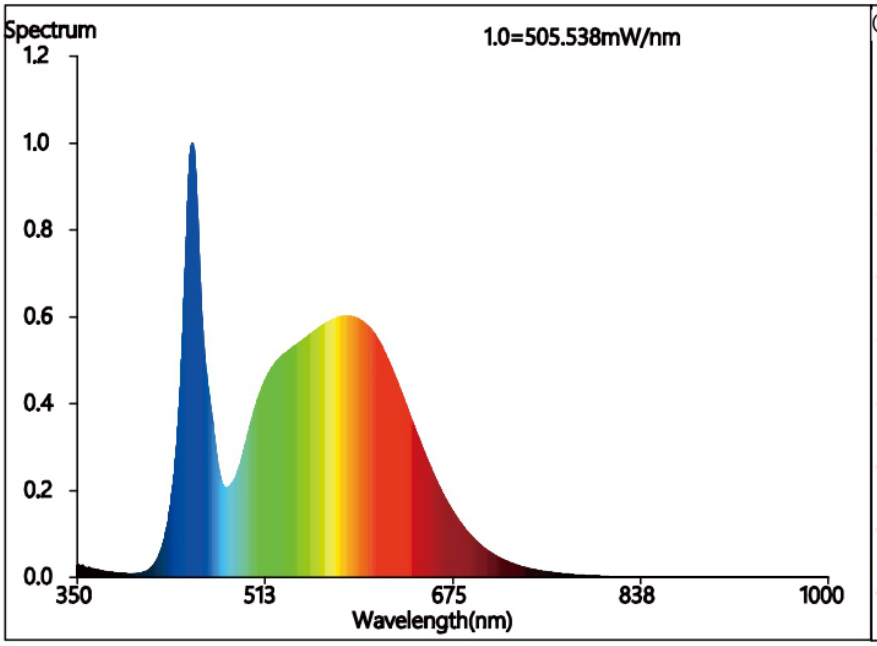
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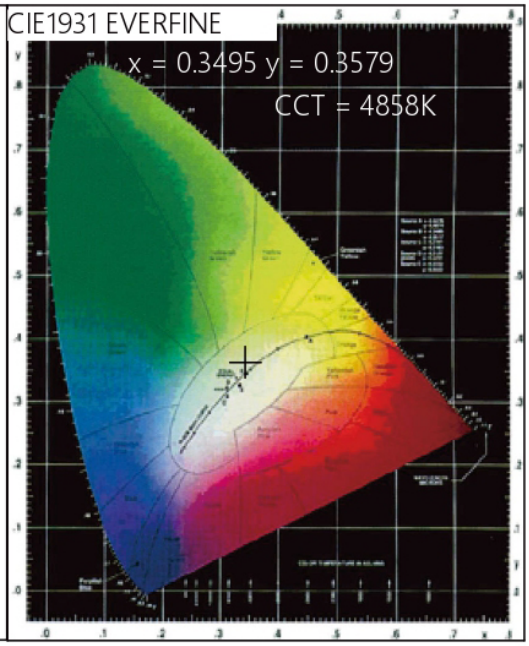
Flux = 27717.56 lm Eff.: 141.2 lm/W Fe= 54.01 W
Photosynthetic:PPF:241.15umol/s PAR WATT:52663mW(400-700nm)

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

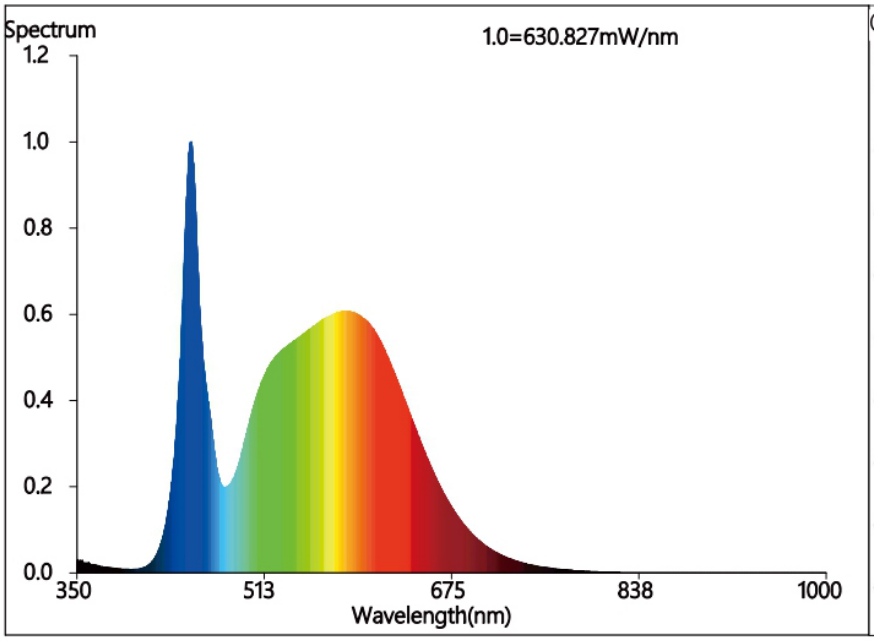
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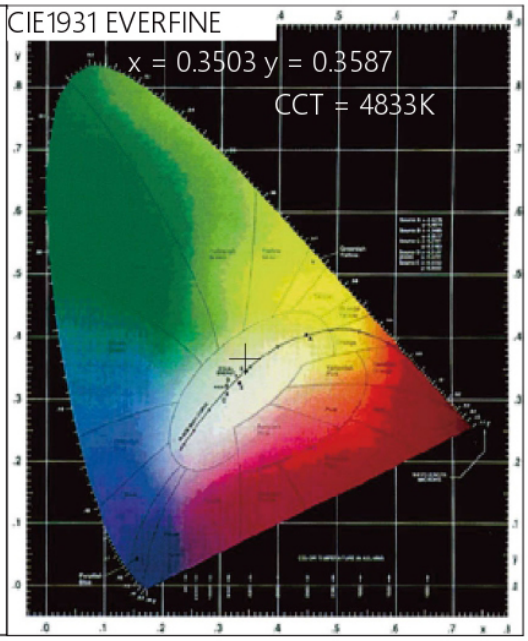
Flux = 32025.8lm Eff.: 138.4 lm/W Fe= 59.59 W
Photosynthetic:PPF:266.83umol/s PAR WATT:58125mW(400-700nm)

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

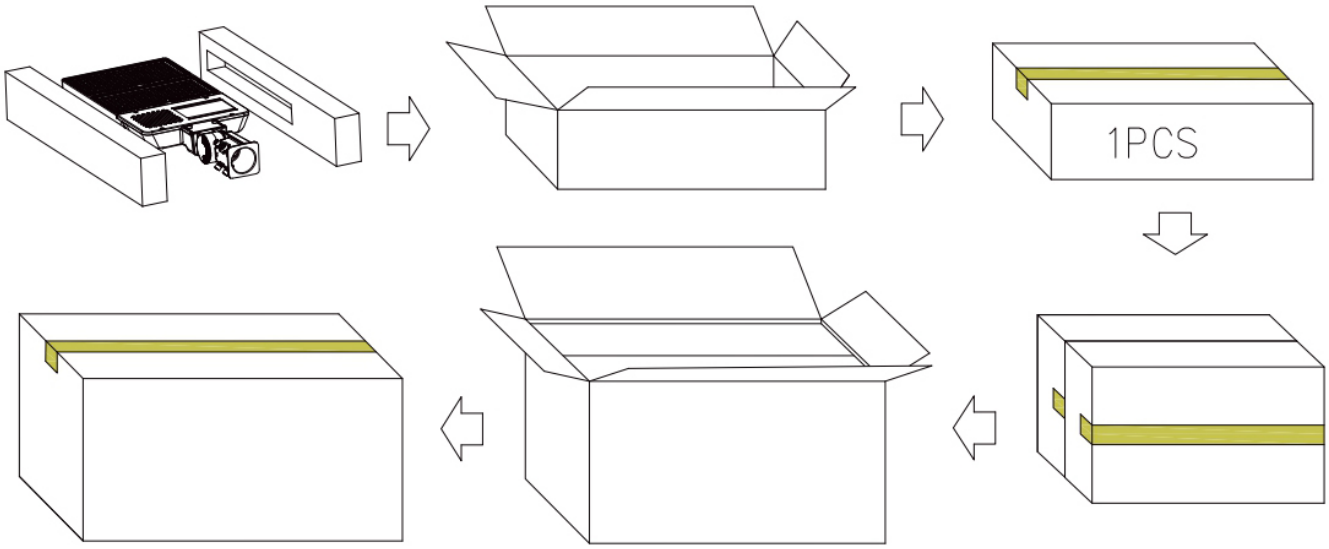
Photo Parameters:

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.
150W 200W	1PCS	4.95Kg	620x350x145mm	5. 75Kg
	3PCS	17.8Kg	640x480x380mm	18.5Kg

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