

ALWAYS CHOOSE SMART

CL6 waterproof series LED corn light Power: 60W



GET IN TOUCH



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Feature

Is 6063 aluminum radiator, anodic oxidation treated Heat sink and PC housing protects the light from rotting and dust, static electricity

Spinning or insertion-extraction installation, easy to handle.

Straight light-emitting, 360° beam angle.

Imported LED chips, high light efficacy, energy-saving.

Aluminum PCB with great thermal conductivity function and heat sink, better heat dissipation, ensure long life-span.

3/5 years warranty, life-time maintenance at cost price. Degree of

Protection: IP64.

3/5

★ ★ ★ ★ ★

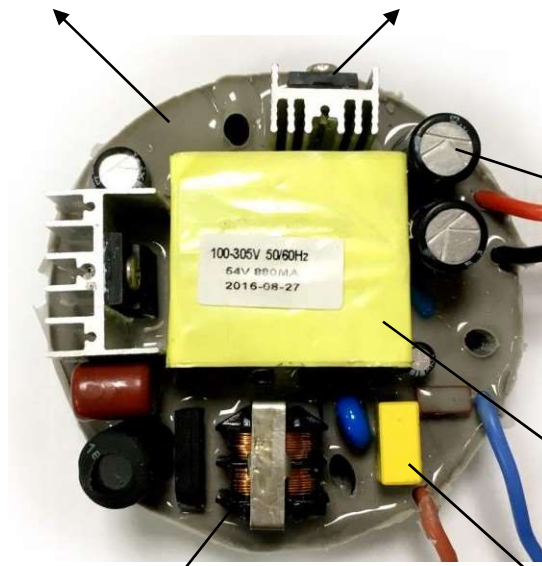
Years Warranty

Product details



High thermal conductive silicone, dustproof, waterproof, anti-corrosion, and heat conduction

MOS tube, Toshiba or Fairchild



Ruby or kingbox, capxon electrolysis, etc.

Purecopperwire, big margin, the big core

Inductance, complete common-mode inductor, EMC has safeguard

Safety capacitor, and resistor security main parts is complete



5004969
For damp location
From 12W to 150W, with surge protection



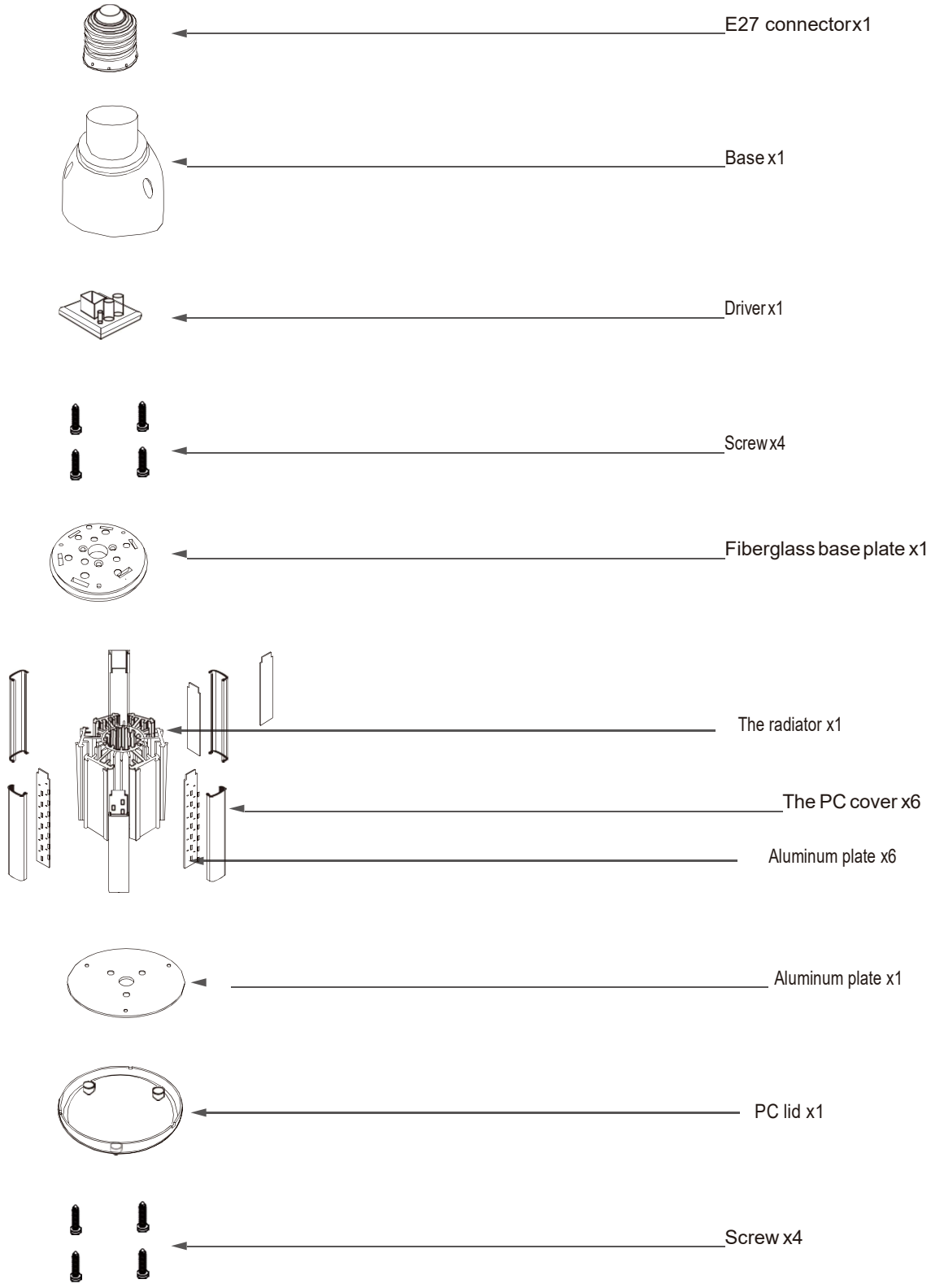
DLC 4.0 approved
Bare lamp over 120 lm/w
Energy saving replacement for MH or HPS



3/5 Years warranty for any manufacturing defect
Free replacement include shipping



Explosive view

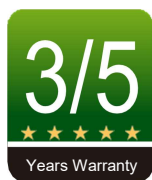


Scene display

Apply to the courtyard lights, lights, lawn lamp, yulan lamp, indoor direct lighting, etc. Protection grade IP64, can waterproof splatters.



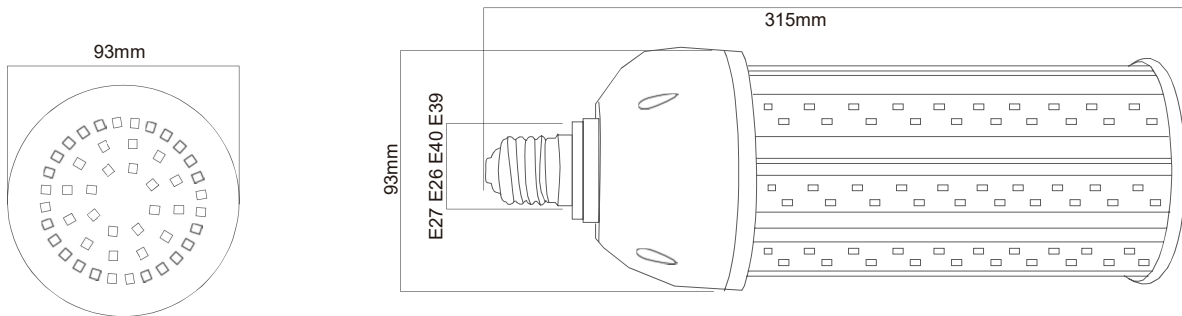
GH-CL6-60W



Specifications

Model	GH-CL6-60W		
Input watt	60W		
Luminous Efficacy	110LM/W	130LM/W	140LM/W
Input voltage	AC85-265V		
Frequency (Hz)	50-60HZ		
Power factor	>0.98		
CCT	3000K±200K	4000K±200K	6500K±200K
LED chip&Qty	368pcs SMD2835		
Dimmer way	Silicon controlled dimmer		
CRI	>80		
Product size	Φ93*315mm		
N.W.	950g		
Base	E27 E26 E40 E39		
Environment temperature	-20℃ -+45℃		
Certificates	ETL、DLC、CE、ROHS		
Lifespan	40000H		
Warranty	3/5 years		

Product size

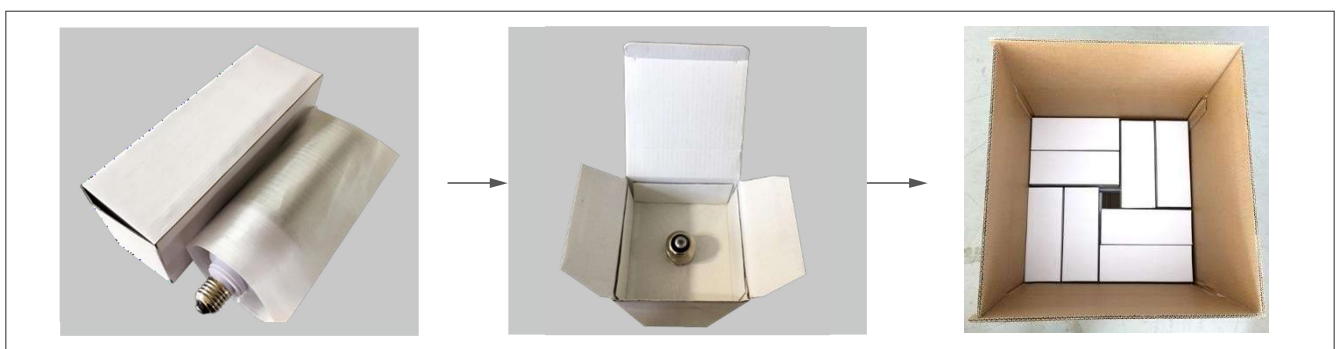


CL6 60W:Φ93*315mm



Product model	Power	Size	Net Weight	Inner box size	Carton size	Quantity
GH-CL6-40W	60W	Φ93*315mm	950g	98*98*325mm	42*42*34cm	16pcs / 17kg

The following is the neutral white box packing, if you need color box packaging, can be customized.

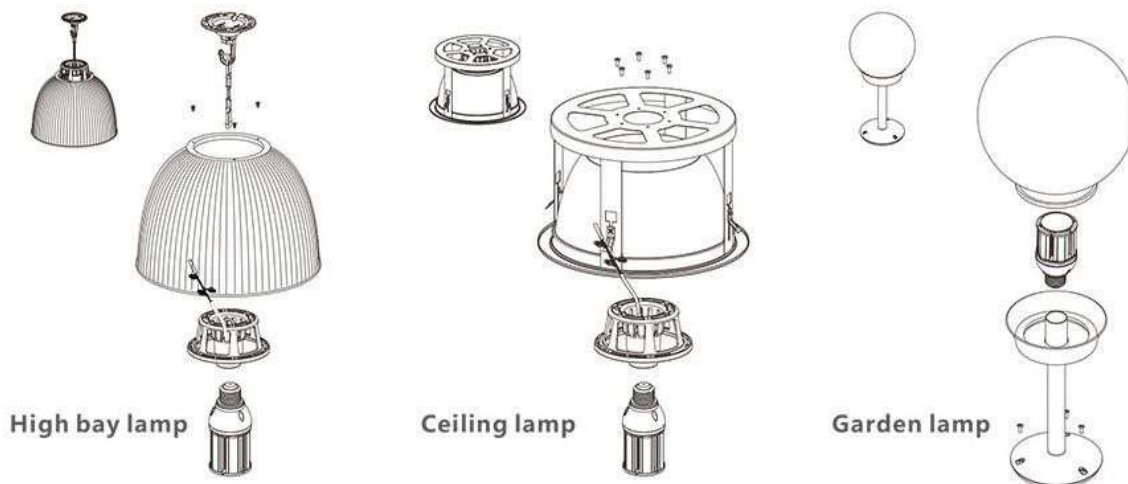


My company shipment when lamps and lanterns lamp holder will be fitted with a white cover, be able to better protect the lampholder collision deformation or wear by sharp objects, as shown in the figure below



Installation

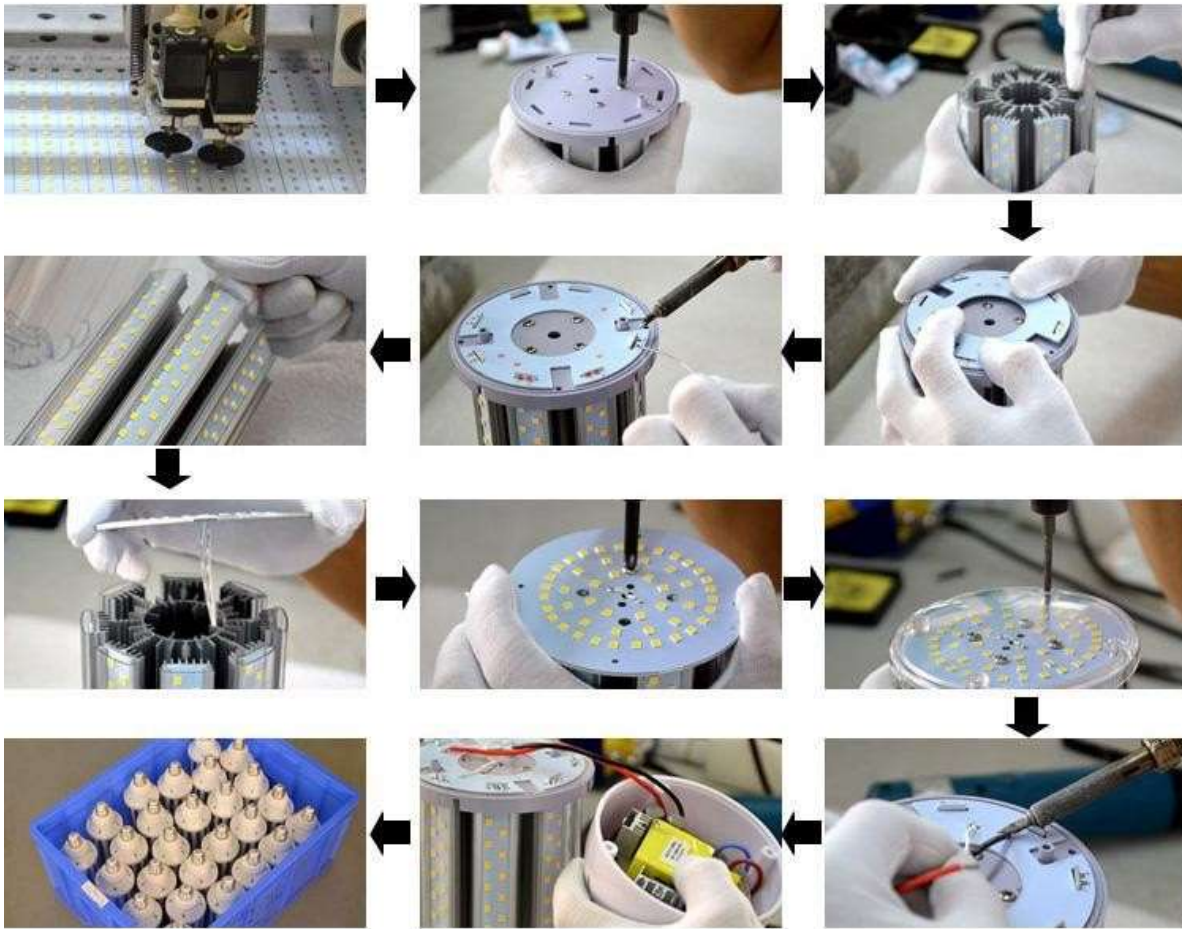
1. Counter clockwise unscrewing the traditional in candescent lamp or energy-saving lamps
2. Replace the LED corn light, directly up clockwise
3. Wiring diagram :



Cautions

- Lightning protection: 60 w products within 2 kv surge prevention, more than 60 w product has 4 kv surge proof, please confirm whether the environment surge more than product design, such as more than, please copy surge, or to communicate with my company's business, to discuss the solution!
- IP grade: IP64 with PC housing.
- Don't install or use it in a humid environment or place which has water drops.
- Don't take apart the product or replace mechanical and electronic components.
- Don't stare at the strong light for a long time as it may cause injury to eyes.
- This series of lights are not compatible with ballast, when replacing the traditional lamps, please remove the ballast or contact us for more solutions.

Production process



Aging test

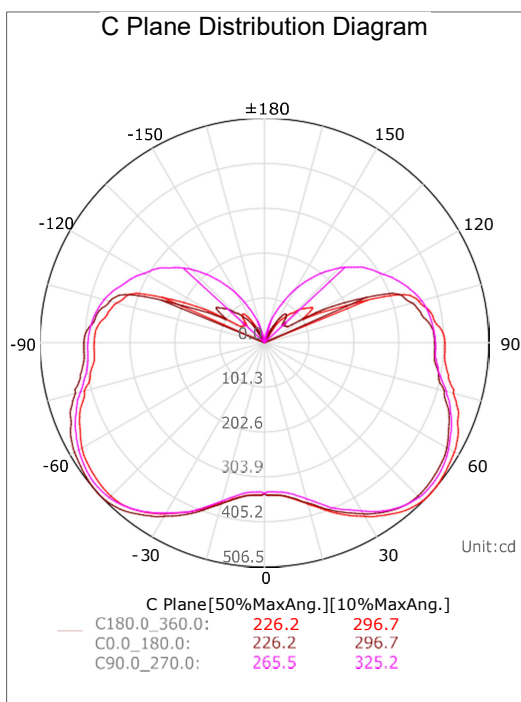


Test report

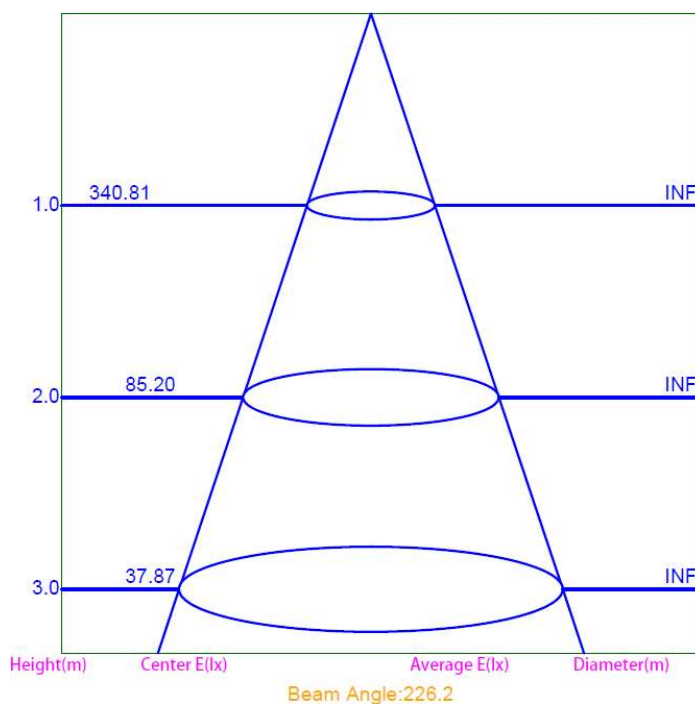
Temperature rise test

The test results Test point	110 v input (Ambient temperature of 45°)			220 v input (Ambient temperature of 45°)			Decision criteria
	The test result of 1	The test result of 2	The test result of 3	The test result of 1	The test result of 2	The test result of 3	
transformer	85.7	85.6	85.3	87.4	87.5	85.6	
MOS tube	75.8	75.7	75.3	72.4	72.5	72.5	
Electrolytic capacitor	70.3	70.1	69.8	71.7	71.8	71.8	
The radiator	61.6	61.5	61.1	61.8	61.8	61.8	
Aluminum plate	64.1	64.2	63.9	64.6	64.6	64.6	
Lamp bead solder joints	64.9	64.9	64.6	65.3	65.3	65.2	

IEStest



Illuminance-Distance Curve



Average E (lx)

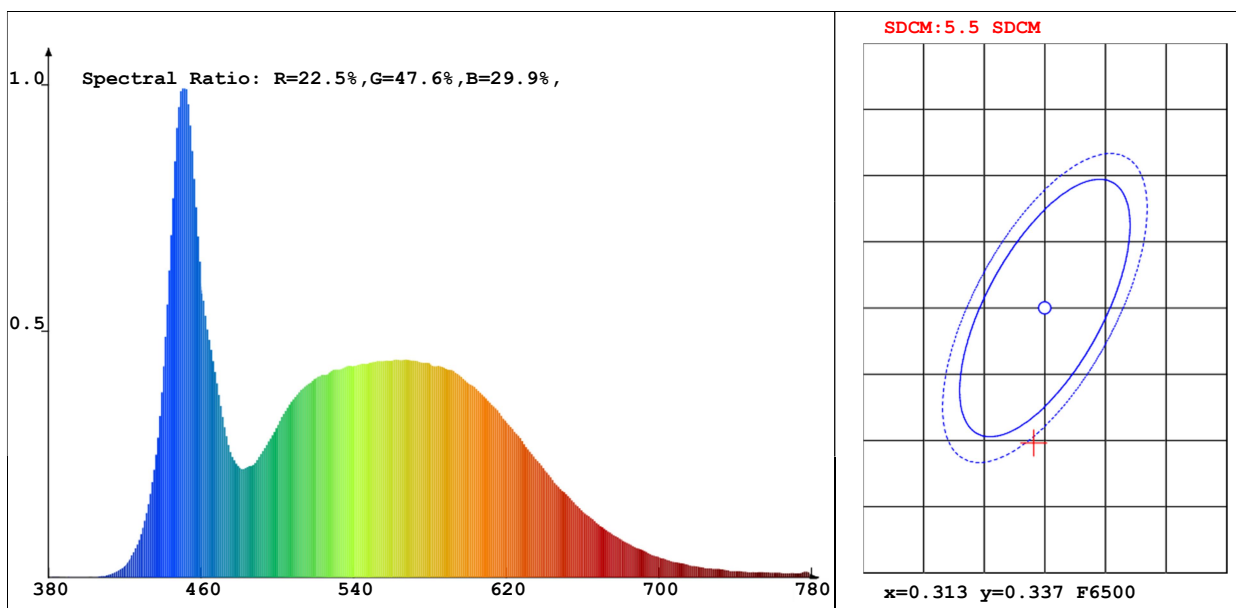
Integrating sphere test

LED Test Report

Product Mark

Product Type: Corn Light
 Temperature: 25°C
 Operator: hh

Manufacturer:
 Humidity: 65%
 Test Date: 2016-08-23



Chroma Parameters

Chro.Coord.: x=0.3141 y=0.3298 u=0.1985 v=0.3126 duv=0.0029
 CCT: Tc= 6428K Dominant Wave.: 490.3nm Purity: 6.7%
 Flux Ratio: R=13.6%, G=82.5%, B=3.9% Peak Wave.: 450.6nm Half Width: 21.2nm

Rending Index: Ra= 82.9

R1 =81 R2 =89 R3 =92 R4 =80 R5 =80 R6 =83 R7 =89
 R8 =70 R9 =6 R10=72 R11=79 R12=52 R13=84 R14=96
 R15=77

Photo Parameters

Flux: 5424.70lm Effi.: 136.6lm/W Radiant: 22215.9mW Iv: 0.0mcd

Ele. Parameters

Voltage: U=234.400V Current: I=0.1760A
 Power: P=39.70W Power Factor: PF=0.961

Instrument state

IntgeTime: 7.601ms VPeak: 15886 VDark: 1462
 Scan Range: 380-780nm

