

NGWL-300W16S

- E39, E40 socket available.
- 125~135Lm/W light effi.
- Aluminum PCB with heatsink design cooling fast.
- Replace MH, CFL, HPS, HID, incandescent, mercury.
- Application in Warehouse, Garden, House, park, street, commercial lighting, etc.



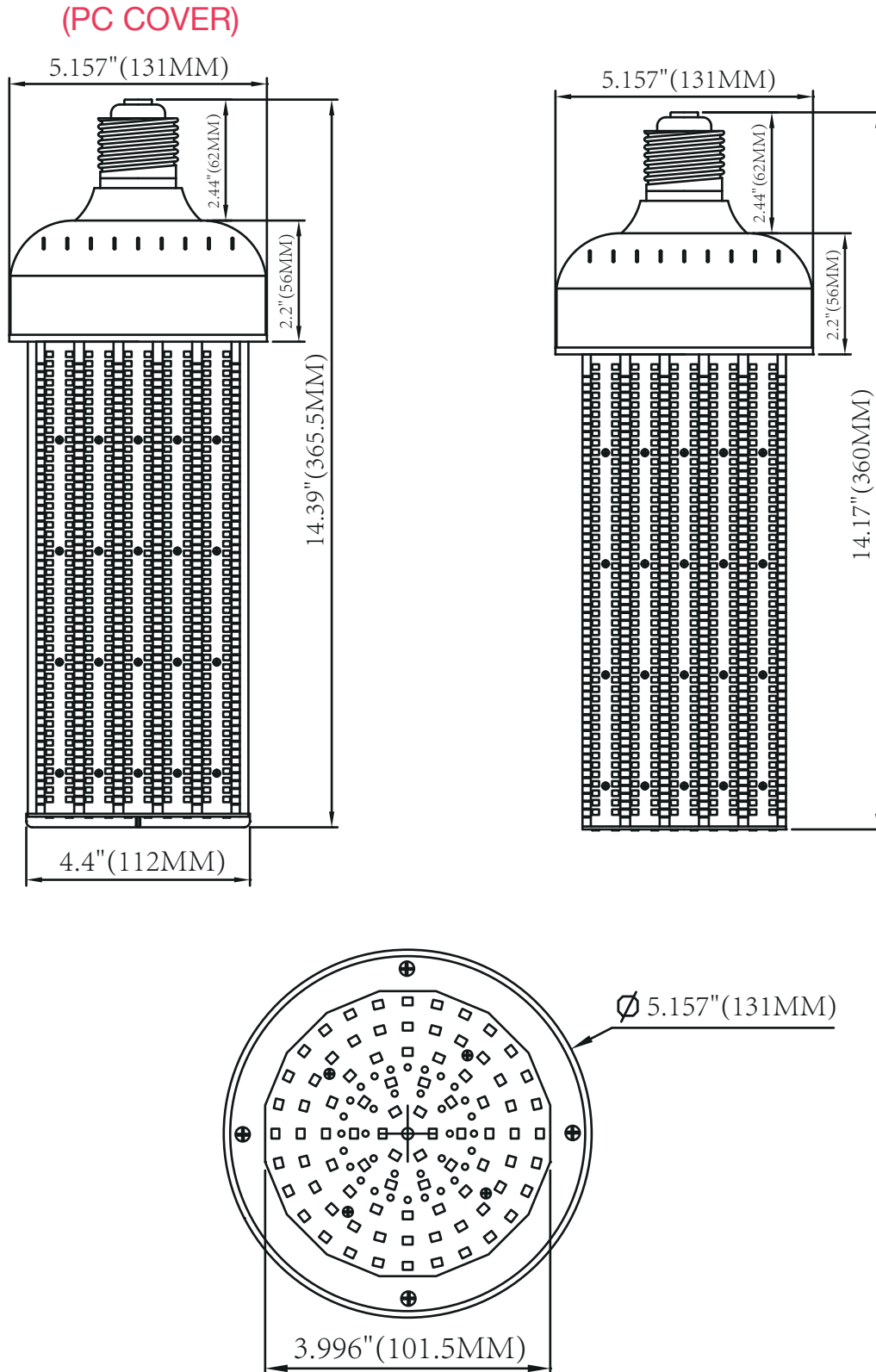
Electrical data

Rated wattage	300W
Input Voltage	AC100-277V
Operating frequency	50/60 Hz
Rated power factor λ	>0.9
Power Efficiency	>0.9
Ambient temperature	-30~45 °C
Protection grade	IP40
Material	PBT+Aluminum
Gross weight	1.565kg
Net weight	1.41kg

Light technical data

Beam angle	360 degree
Light Source	1876pcs SMD2835
Luminous flux	39280lm
Warm White:	2,800 ~ 3,200K
Natural White:	4,000 ~ 4,500K
Day Light:	5,000 ~ 5,500K
Cool White:	6,000 ~ 6,500K
PC Cover:	Milky/Transparent
Color rendering index Ra:	Ra>80
Lifespan:	50,000hrs

DIMENSIONS



300W LED Corn Light

Product Mark

Product Type :300W LED Corn Light

Temperature :Nuoguan'C

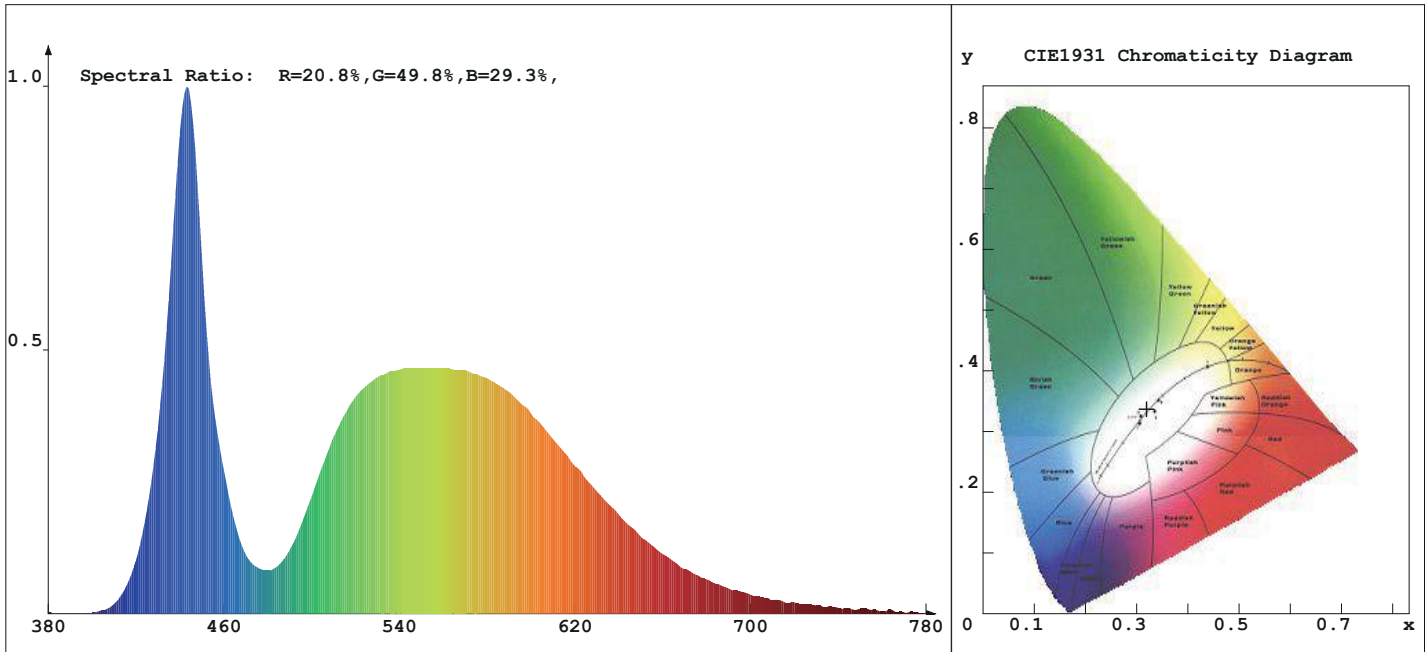
Operator :admin

Remark:

Manufacturer :Shenzhen Nuoguan Technology Co.,Ltd

Humidity :65%

Test Date :2014-09-12 15:18:02



Chroma Parameters

Chro.Coor.:x=0.3198 y=0.3373 u=0.1996 v=0.3158 duv=0.0039

CCT: 6096K Dominant Wave.:495.5nm Purity:4.3%

Flux RGB Ratio:R=12.5%,G=85.2%,B=2.3% Peak Wave:443.5nm Half Width:19.4nm

Rendering Index:Ra= 71.2

R1 =70	R2 =73	R3 =76	R4 =73	R5 =72	R6 =67	R7 =78	R8 =60
R9 =0	R10=37	R11=74	R12=47	R13=69	R14=87	R15=64	

Photo Parameters

Flux:39280.50lm Effi.:130.6lm/W Radiant:53253.8mW Ri:0.0mW/sr

Ele. Parameters

Voltage:U=220.300V

Current:I=0.9530A

Power:P=300.20W

Power Factor:PF=0.977

Instrument state

Instrument:Hopoo HP8000S

Integral Time: 1.000ms

VPeak: 14672

VDark: 1245

Scan Range: 380-780nm

Product ID: 201308416

INSTALLATION

1. Remove old ballast or disconnect from existing lamp holder.

Remove and dispose of ballast in correct manner.

Shown as Figure 1. (North America 100-277 VAC)

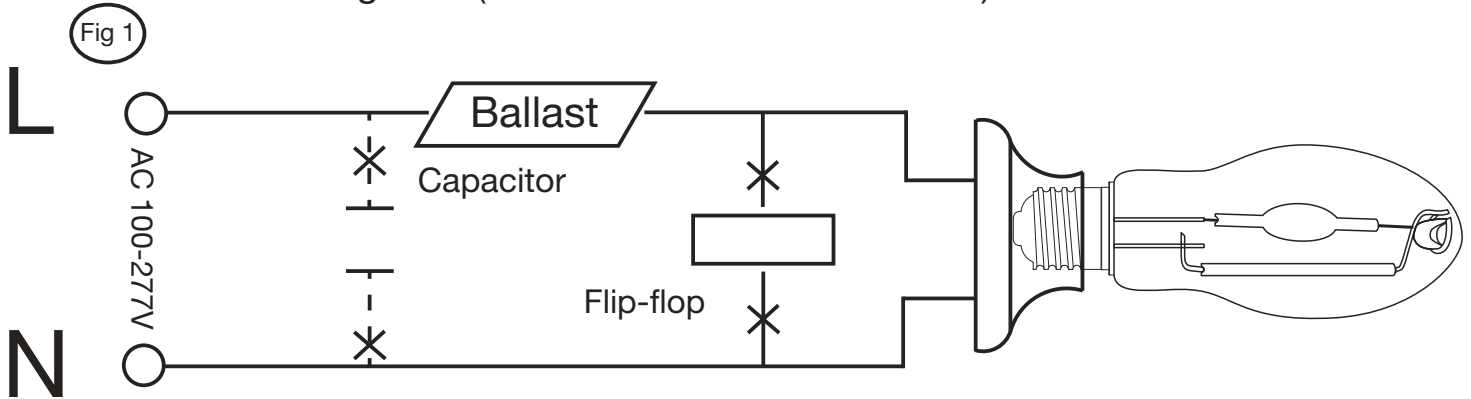


Fig 2

2. Reconnect directly to the existing lamp holder. Shown as Figure 2

(North America 100-277VAC)

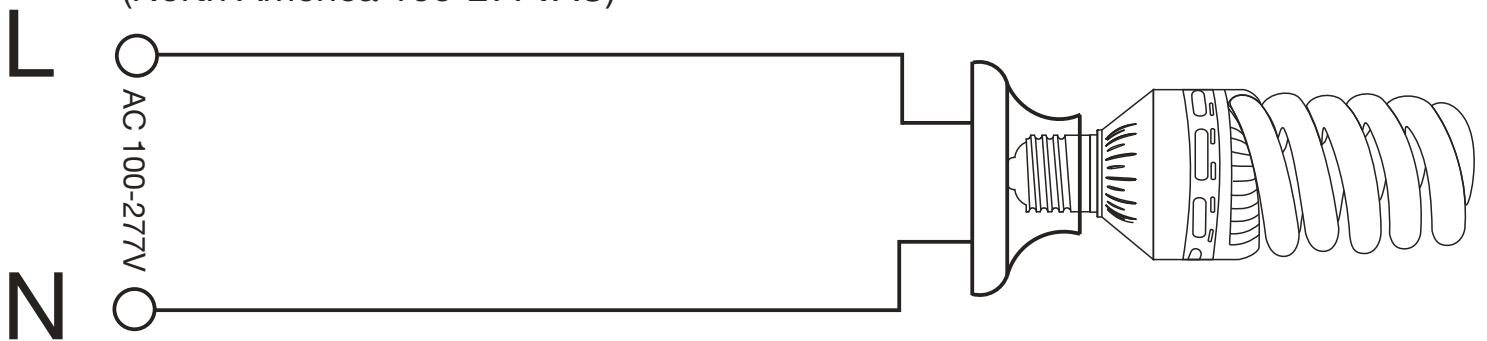


Fig 3

3. Install New LED Replacement lamp. Shown as Figure 3. Please make

sure the old fitting is correctly earth. (North America 100-277VAC)

