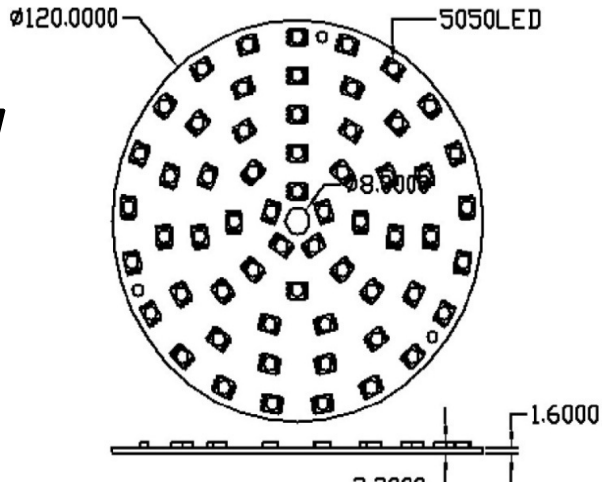




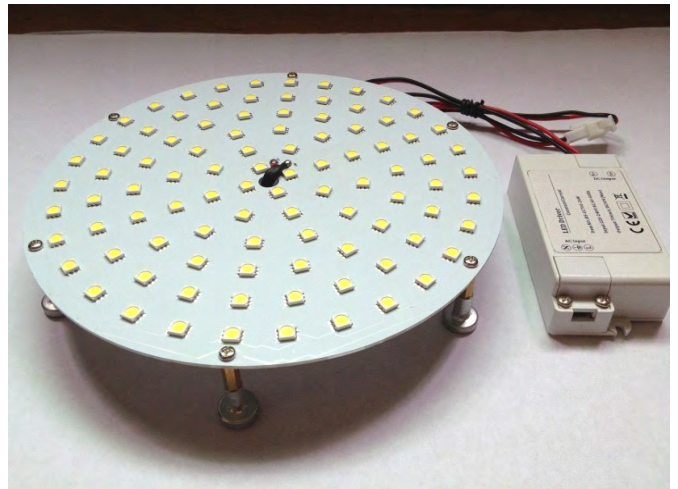
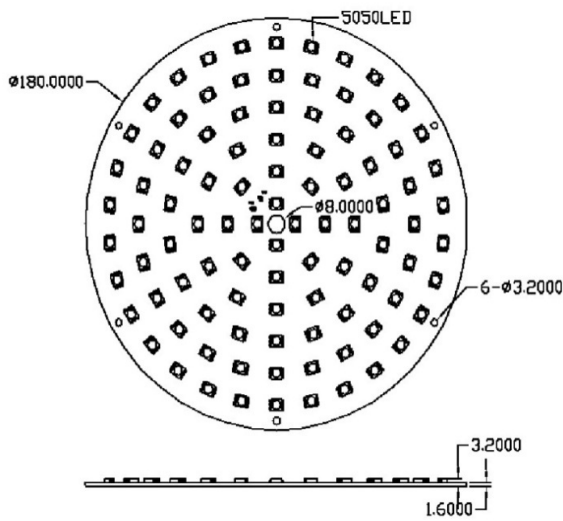
Commodity: Magnetic LED Ceiling Light — 14W/20W/25W Non-dimmable

1 . Product Dimensions

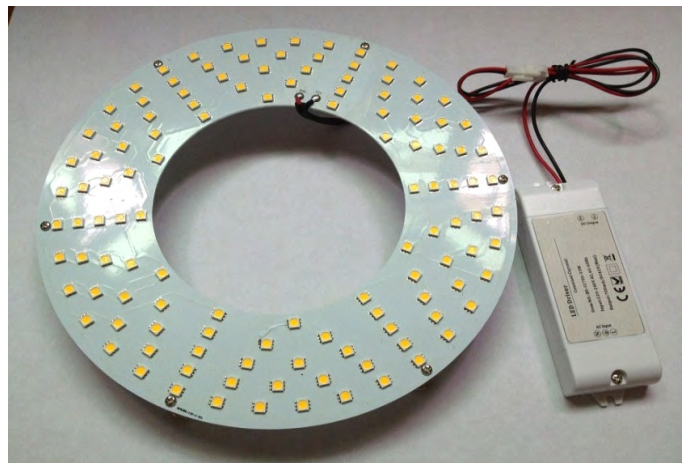
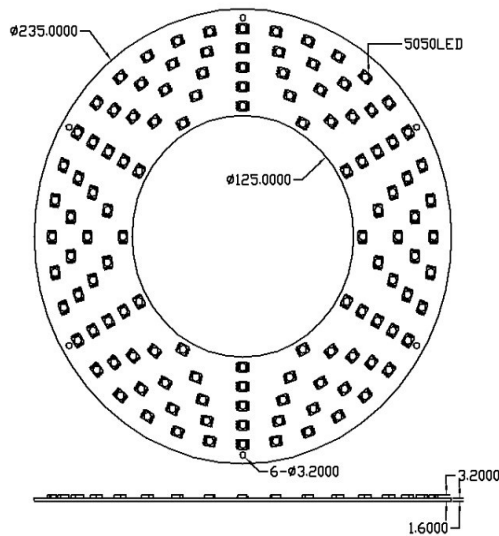
14W



20W



25W



Notes:

1. All dimension
2. All dimension tolerance is $\pm 1\text{mm}$ unless otherwise noted.

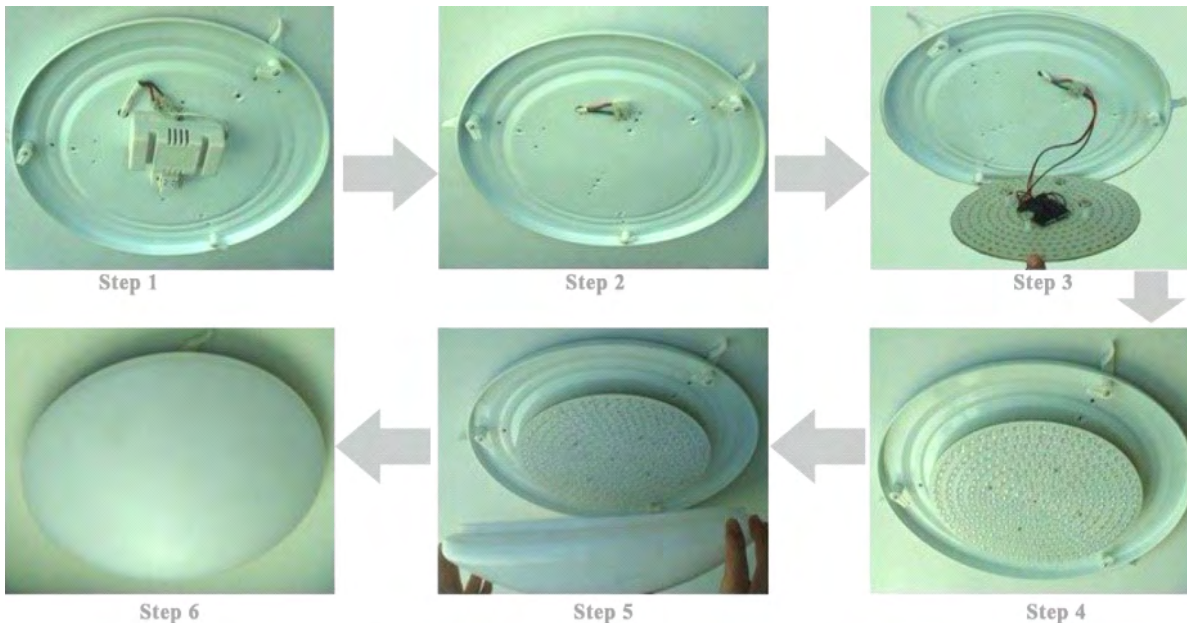
2 . Product Characteristics:

Absolute Maximum Rating at TA=25°C ; Electrical / Optical Characteristics at TA=25°C

| P/N | | Color Temperture | Input Voltage | Power Dissipatio | LED Qty | Luminous Flux | Efficiency | Power Factor |
|---------------|-------|------------------|--------------------------|------------------|---------|---------------|------------|--------------|
| Item No. | Color | K | VF(V) | PD(W) | pcs | lm | | |
| HS-MCPL-60R1 | PW | 6000 ~ 6500 | AC110~130/ AC220-240V | 14 | 60 | 1000~1100 | >80% | >0.95 |
| | WW | 2800 ~ 3300 | | | | | | |
| | CW | 4250 ~ 4750 | | | | | | |
| HS-MCPL-96R1 | PW | 6000 ~ 6500 | AC110~130/ AC220-240V | 20 | 96 | 1600~1800 | >80% | >0.95 |
| | WW | 2800 ~ 3300 | | | | | | |
| | CW | 4250 ~ 4750 | | | | | | |
| HS-MCPL-120R1 | PW | 6000 ~ 6500 | AC110~130/ AC220-240V | 25 | 120 | 1900~2100 | >80% | >0.95 |
| | WW | 2800 ~ 3300 | | | | | | |
| | CW | 4250 ~ 4750 | | | | | | |

Notes:Tolerance of measurement of luminous intensity±15%.

3. Installation Instruction:



Step 1: Open the cover of the ceiling lamp, take the fluorescent lamp down

Step 2: Take the ballast of the fluorescent lamp down

Step 3: Connect the LED driver to the input of the ceiling lamp

Step 4: Stick the LED panel to the aluminium base of the ceiling lamp with the magnetic feet on the back of the LED panel

Step 5: Put the cover back to the ceiling lamp

Step 6: Light on and check

Caution:

Please make sure the power is off before you install this lamp

4. Usage :

- ※ Operating voltage: AC110~130/AC220-240V (50/60Hz).
- ※ Working environment:-20~ 35°C
- ※ Suitability: for indoor application only.
- ※ IP Rating:IP20

5. Quality :

- ※Quality guarantee is based on storing, installing,operating and maintaining correctly in the normal operation condition.
- ※It is not included in our maintaining range when installing inappropriately, breaking the operating rules, and leading to the products damaging.
- ※Our company will maintain the right to either repair,parts replacing,or products exchange during the quality warranty period.

6 . Safety :

- ※ Please do not hit or press it with heavy substance.
- ※ Please Handle and transport gently.
- ※ Please do not touch and twist the tube when power is on.
- ※ Light warm is normal when power is on.

7 . Package :

| The spec. of strip | 14W | 20W | 25W |
|---------------------------|-------------------|-------------------|-------------------|
| NET WEIGHT/PCS (G) | 145g | 245g | 290g |
| QUANTITY/CARTON (pcs) | 50pcs | 30pcs | 24pcs |
| NET WEIGHT/CARTON (KGS) | 7KG | 6.5KG | 6.5KG |
| GROSS WEIGHT/CARTON (KGS) | 8KG | 7.5KG | 7.7KG |
| SIZE OF CARTON, L*W*H(mm) | 53*24*29cm | 53*24*29cm | 45*28*28cm |

8. Light Source Test Report

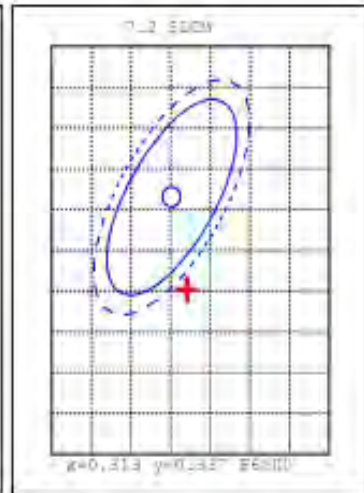
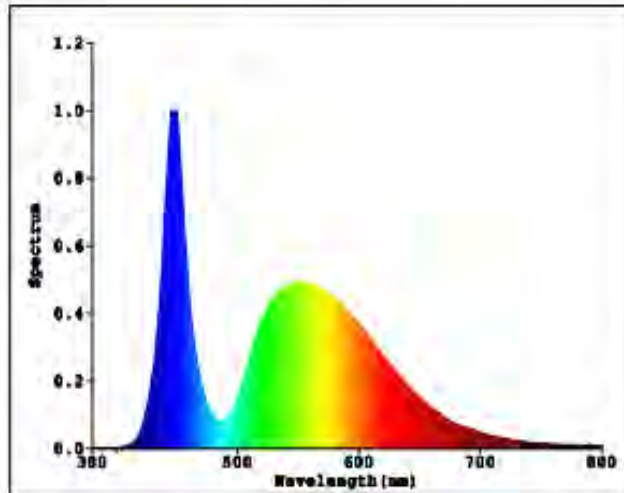


14W

Spectrophotometer Test Report

1 OF 1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3147$ ($dx=-0.0003$) $y=0.3278$ ($dy=0.0028$)
Chromaticity Coordinate: $u'=0.1996$ $v'=-0.4680$ ($duv=1.61e-03$)
Tc=6408K Dominant WL:Ld=487.9nm Purity=6.7% Centroid WL:544.0nm
Ratio:R=13.3% G=83.4% B=3.3% Peak WL:Lp=445.0nm HWL:21.9nm
Render Index:Ra=70.2
R1 =69 R2 =73 R3 =73 R4 =72 R5 =70 R6 =63 R7 =80
R8 =61 R9 =-28 R10=34 R11=69 R12=36 R13=69 R14=85 R15=66

Photo Parameters:

Flux: 1068.0 lm Fe: 3.3314 W Efficacy:80.66 lm/W

Electrical Parameters:

Luminaire: U=230.7V I=0.06033A P=13.24W PF=0.9515

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm(0) Ip=27129(G=4,D=61)
REF=47243(R=3) $\tau=0.4278$ PMT: 29.4 centigrade [150.0]

Product Type:LIGHT
Number:N-00001
Temperature:25.3 deg
Test Operator:DAMIN
Software:V2.00.122

Manufacturer:EVERFINE
Test Department:EVERFINE
Humidity:65.0%
Test Date:2012-09-14 17:02:41
Instrument:PMS-80_V1 (SN:YG107113N12010036)

8. Light Source Test Report

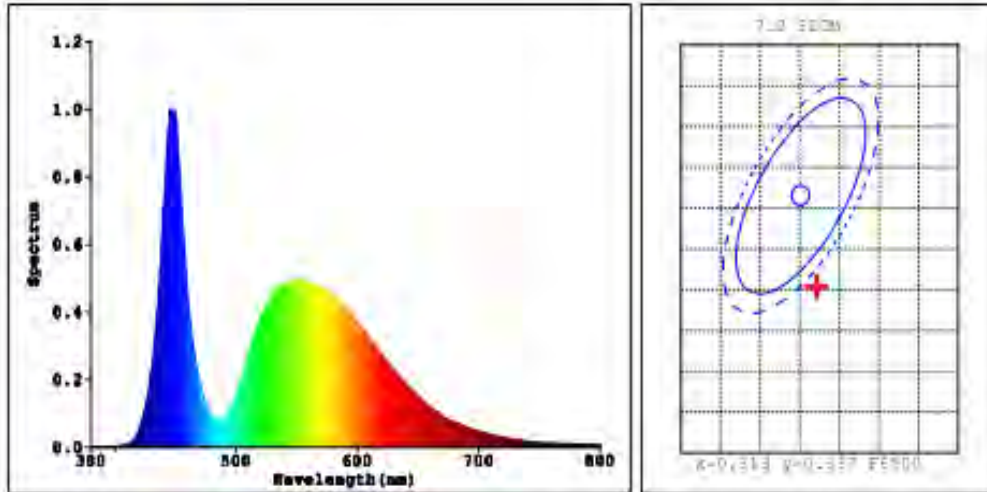


20W

Spectrophotometer Test Report

1 Of 1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3147$ ($dx=-0.0004$) $y=0.3280$ ($dy=0.0029$)
Chromaticity Coordinate: $u'=0.1996$ $v'=0.4681$ ($duv=1.68e-03$)
Tc=6403K Dominant WL:Ld=488.0nm Purity=6.7% Centroid WL:544.0nm
Ratio:R=13.3% G=83.4% B=3.3% Peak WL:Lp=445.0nm HWL:22.0nm
Render Index:Ra=70.2
R1 =69 R2 =73 R3 =73 R4 =72 R5 =70 R6 =63 R7 =79
R8 =61 R9 =-28 R10=34 R11=69 R12=37 R13=69 R14=85 R15=66

Photo Parameters:

Flux: 1712.6 lm Fe: 5.3374 W Efficacy:84.43 lm/W

Electrical Parameters:

Luminaire: U=230.7V I=0.09096A P=20.28W PF=0.9667

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=43090(G=4,D=62)
REF=7693(R=2) $\lambda=0.370\mu$ PNT: 29.4 centigrade [150.0]

Product Type:LIGHT Manufacturer:EVERFINE
Number:N-00001 Test Department:EVERFINE
Temperature:25.3 deg Humidity:65.0%
Test Operator:DAMIN Test Date:2012-09-14 17:09:04
Software:V2.00.122 Instrument:PMS-80_V1 (SN:YG107113N12010036)

8. Light Source Test Report

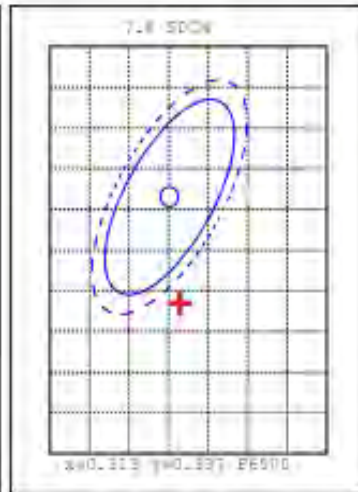
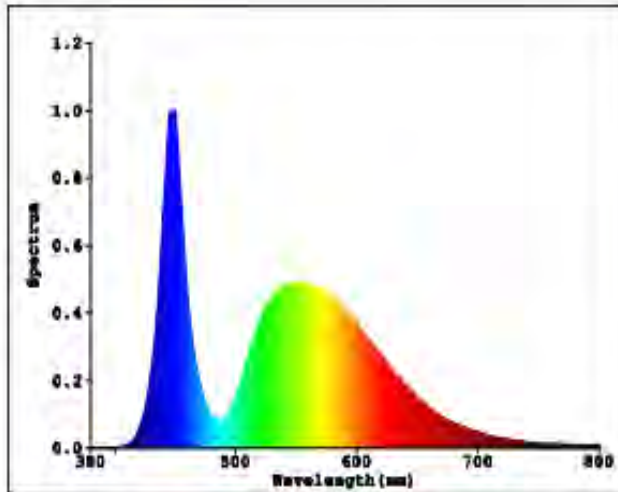


25W

Spectrophotometer Test Report

1 Of 1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3141(dx=-0.0003)$ $y=0.3265(dy=0.0020)$

Chromaticity Coordinate: $u'=0.1998$ $v'=0.4672(duv=1.18e-03)$

$Tc=6446K$ Dominant WL: $Ld=487.0nm$ Purity= 7.0% Centroid WL: $543.0nm$

Ratio: $R=13.3\%$ $G=83.3\%$ $B=3.4\%$ Peak WL: $Lp=450.0nm$ BWL: $22.2nm$

Render Index: $Ra=70.6$

$R1 = 69$ $R2 = 73$ $R3 = 73$ $R4 = 73$ $R5 = 70$ $R6 = 64$ $R7 = 80$

$R8 = 62$ $R9 = -26$ $R10 = 35$ $R11 = 69$ $R12 = 37$ $R13 = 69$ $R14 = 85$ $R15 = 66$

Photo Parameters:

Flux: $2044.6 lm$ $Pe: 6.4002 W$ Efficacy: $82.53 lm/W$

Electrical Parameters:

Luminaire: $U=230.7V$ $I=0.1117A$ $P=24.77W$ $PF=0.9619$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$

$Ip=52546(G=4,D=62)$

REF: $9152(R=2)$ $s=-0.4408$

PMT: 29.6 centigrade $[88.3]$

Product Type: LIGHT
Number: N-00001
Temperature: $25.3 deg$
Test Operator: DAMIN
Software: V2.00.122

Manufacturer: EVERFINE
Test Department: EVERFINE
Humidity: 65.0%
Test Date: 2012-09-14 16:54:02
Instrument: PMS-80_V1 (SN: YG107113N12010036)