

LED Bulb

QP06-008-AW

Features

- Ultra energy efficient, replacing up to 50-60W incandescent /Halogen lamps;
- Good heat dissipation with professional designed aluminum alloy housing;
- Anti-glare, giving visual comfort;
- Isolating circuit design, safety and reliability;
- Solid-state, fast turn on;
- No mercury, less CO2 emission, eco-friendly to the environment;
- No UV, No IR;
- Better thermal management, no heat damage;
- Easily installed into standard fixture;
- Longevity of service and minimal maintenance
- Standard warranty: 3 years;
- Life span: 40,000 hours;
- Base: E27/E26/B22
- LED Source: 3535 SMD LED, 16 pcs.
- Color temperature: White: 5000-7000K;Warm White: 2700-3500K;Natural White:4000-5000K
- Safety: CE,RoHS,UL;
- Working Voltage: AC100-240V/50/60Hz;
- Power consumption: 8W

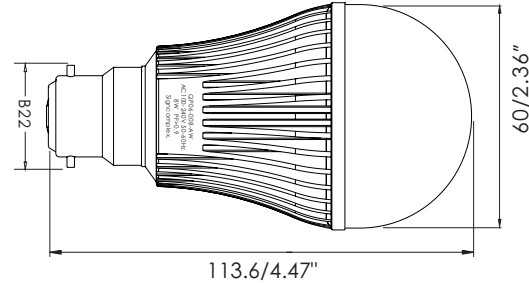
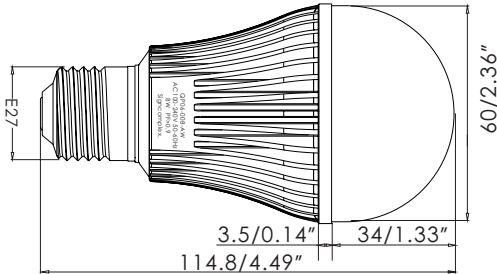


Applications

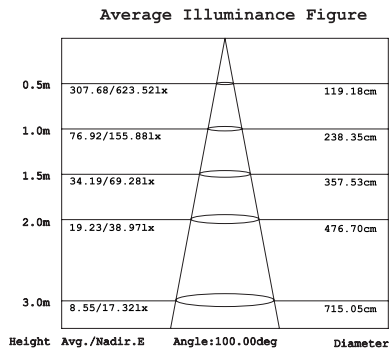
- Illumination lighting for homes, offices, restaurants, hotels, malls, buses, trains, warehouses, parking lots etc.
- Task lighting for cabinets, cupboards etc in your homes, restaurants, and kitchens or any other places where accent lighting is required.
- Display lighting for the articles in your stores and shops.
- Back lighting for square billboards or advertisement boards.



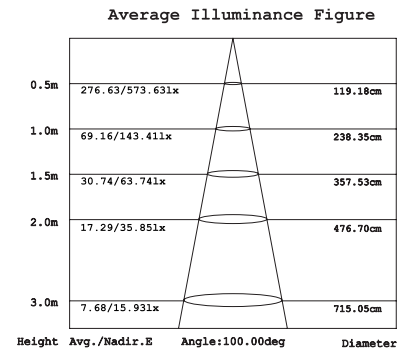
Dimensions



Specifications



White



Warm White

Model Number	Color	LED Q'ty	LED Type	CCT	Power Consumption (W)	CRI	Lumen (lm)	Voltage (V)	Beam Angle (degrees)	PF	Weight (kg)
QP06-008-AW-W	White	16	3535 SMD	5000-7000K	8	72	622	100-240V AC 50-60Hz	140°	0.9	0.158
QP06-008-AW-WW	Warm White	16		2700-3500K	8	77	541	100-240V AC 50-60Hz	140°	0.9	
QP06-008-AW-NW	Natural White	16		4000-5000K	8	74	590	100-240V AC 50-60Hz	140°	0.9	

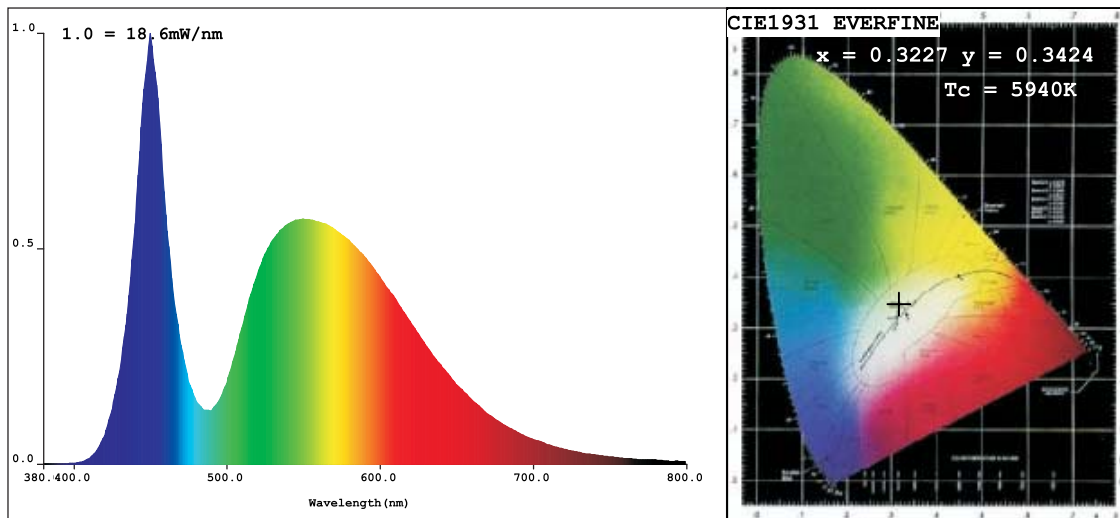
Absolute Maximum Rating

Parameter	Rating	Units
Aluminum Heat sink Temperature	80	C
Operating Temperature	-20~+40	C
Storage Temperature	-40~+80	C
Equilibrium Temperature	62.8	C

QP06-008-AW-W

Spectrophotometer Test Report

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3227$ $y=0.3424$ $u'=0.1997$ $v'=0.4768$ ($duv=5.15$)

CCT: $T_c = 5940K$ Prep WaveL: $\lambda_d = 503.2nm$ Purity=3.2%

Peak WaveL: $\lambda_p = 450nm$ Half Width: $\Delta\lambda_p = 23.5nm$ Ratio: R=12.6% G=83.7% B=3.7%

Average Wave: 547nm

Rendering Index: $R_a = 71.9$

Photo Parameters:

Flux: $\Phi = 621.86(lm)$ Luminous Efficacy: 80.99(lm/W) Luminous Power: $P = 1.907(W)$

Electrical Parameters:

U=240.9V I=0.0341A P=7.678W PF=0.935

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

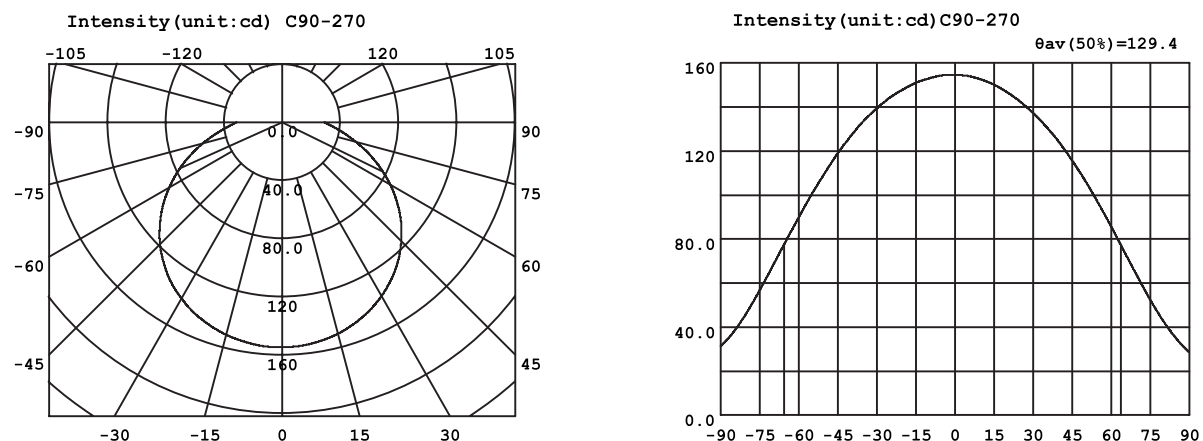
$I_p = 30853(G=4, D=49)$

REF = 13842

TMP (PMT) = 30.8(deg.celsius)

Test Mode: Fast Test

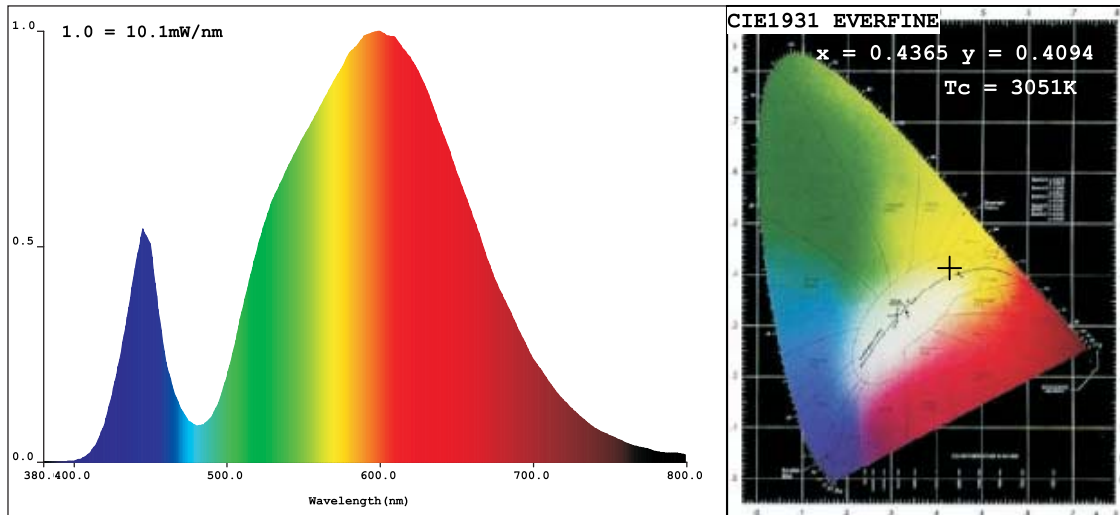
GONIOPHOTOMETER Test Report



QP06-008-AW-WW

Spectrophotometer Test Report

Light Source Test Report


CIE Color Parameters:

 Chromaticity Coordinate: $x=0.4365$ $y=0.4094$ / $u'=0.2480$ $v'=0.5234$ ($duv=2.19$)

 CCT: $T_c = 3051K$ Pr_{cp} WaveL: $\lambda_d = 581.8nm$ Purity=53.9%

 Peak WaveL: $\lambda_p = 600nm$ Half Width: $\Delta\lambda_p = 147.3nm$ Ratio: R=21.6% G=76.9% B=1.5%

Average Wave: 592nm

 Rendering Index: $R_a = 76.5$
Photo Parameters:

 Flux: $\Phi = 541.04(lm)$ Luminous Efficacy: 69.18(lm/W) Luminous Power: $P = 1.678(W)$
Electrical Parameters:

U=240.9V I=0.0348A P=7.820W PF=0.932

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

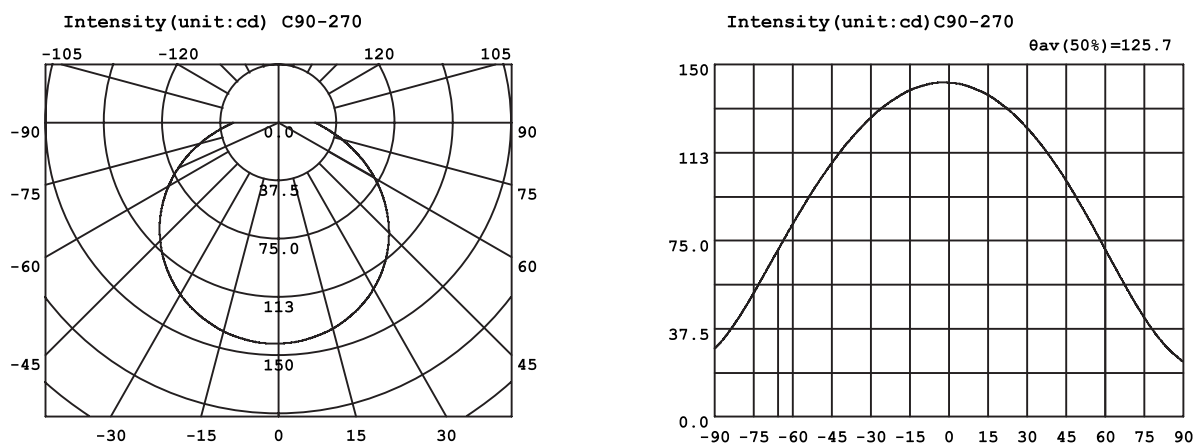
 $I_p = 28033(G=5, D=52)$

REF = 12022

TMP(PMT) = 31.7(deg.celsius)

Test Mode: Fast Test

GONIOPHOTOMETER Test Report



Attention

The increased weight may reduce the mechanical stability of certain luminaires.

Signcomplex Limited Warranty

Signcomplex warrants this product ("Product") against defects in material or workmanship for a period of three years from the date of purchase. If this Product is determined to be defective, Signcomplex will repair or replace the Product, at its option. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone than a facility authorized by Signcomplex to service the Product.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. Signcomplex shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on this Product except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose on this Product is limited in duration to the duration of this limited warranty.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Only Signcomplex may change, amend or modify the terms of this Limited Warranty and any such change, amendment or modification shall be in writing and is signed by Signcomplex. To obtain warranty service and shipping information call +86 755 2760 8650 or e-mail info@signcomplex.com. You must provide proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the Product is within the warranty period to obtain warranty service. Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties provision outlined in this document.

