

LED Bulb

QP08-012

Features

Good heat dissipation with professional designed aluminum, alloy housing;
Anti-glare, giving visual comfort;
Isolating circuit design, safety and reliability;
Solid-state, no start-up delay.
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;
Life span: 40,000 hours;
Base: E27/B22



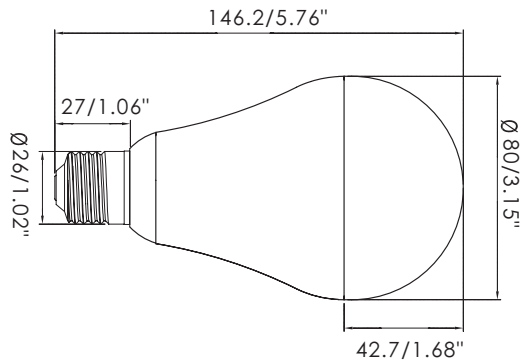
Electrical Specification

Voltage: AC 100-240V, 50/60Hz
Power consumption: 12W
LED Type : 5730 SMD
LED Quantity: 30 LED
Operating Temperature: -20°C ~ 40°C

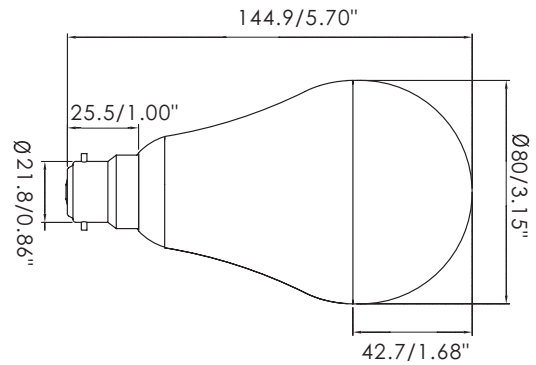
Applications

- 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(mm/inch)



E27



B22

Specifications

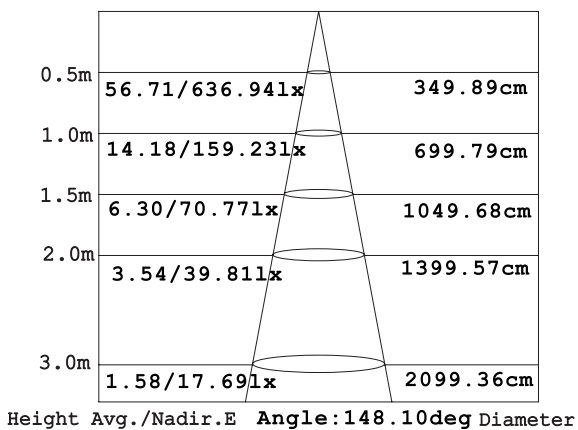
Model Number	Color	LED Q'ty	LED Type	CCT	Power (W)	CRI	Lumen (lm)	Voltage (V)	Beam Angle (degrees)	PF	Weight (kg)
QP08-012-AW-W	White	30		5000-7000K	12	71	1081	100-240V AC 50/60Hz	150°	0.9	0.23
QP06-012-AW-WW	Natural White	30	5730 SMD	4000-5000K	12	72	1026				
QP06-012-AW-NW	Warm White	30		2700-3500K	12	73	948				

Absolute Maximum Rating

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

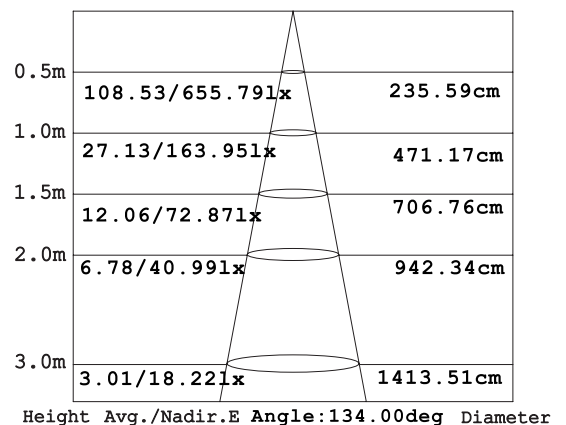
White

Average Illuminance Figure



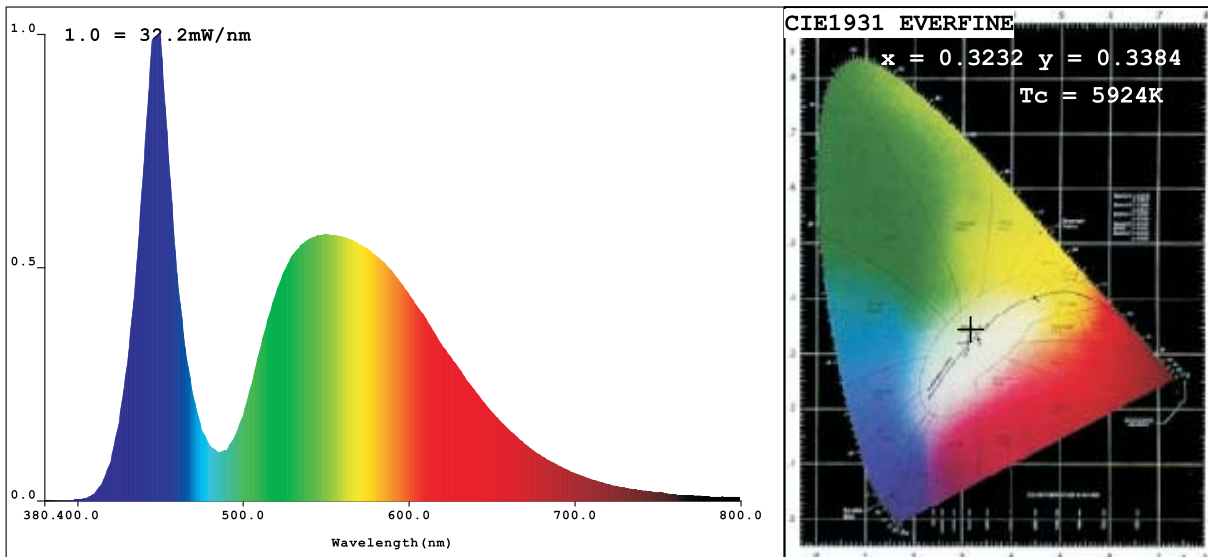
Warm white

Average Illuminance Figure



QP08-012-AW-W

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3232$ $y=0.3384$ / $u'=0.2015$ $v'=0.4748$ (duv=2.88)

CCT: $T_c=5924K$ Prcp WaveL: $\lambda_d=498.2nm$ Purity=3.2%

Peak WaveL: $\lambda_p=450nm$ Half Width: $\Delta\lambda_p=24.1nm$ Ratio: R=12.7% G=83.8% B=3.4%

Average Wave: 547nm

Rendering Index: $R_a=71.1$

R1 =70 R2 =74 R3 =76 R4 =73 R5 =71 R6 =65 R7 =80 R8 =61

R9 =0 R10=37 R11=70 R12=40 R13=70 R14=86 R15=66

Photo Parameters:

Flux: $\Phi=1081.2(lm)$ Luminous Efficacy: 87.13(lm/W) Luminous Power: $P=3.343(W)$

Electrical Parameters:

U=221.5V I=0.0604A P=12.40W PF=0.927

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

Ip = 15673 (G=3, D=48)

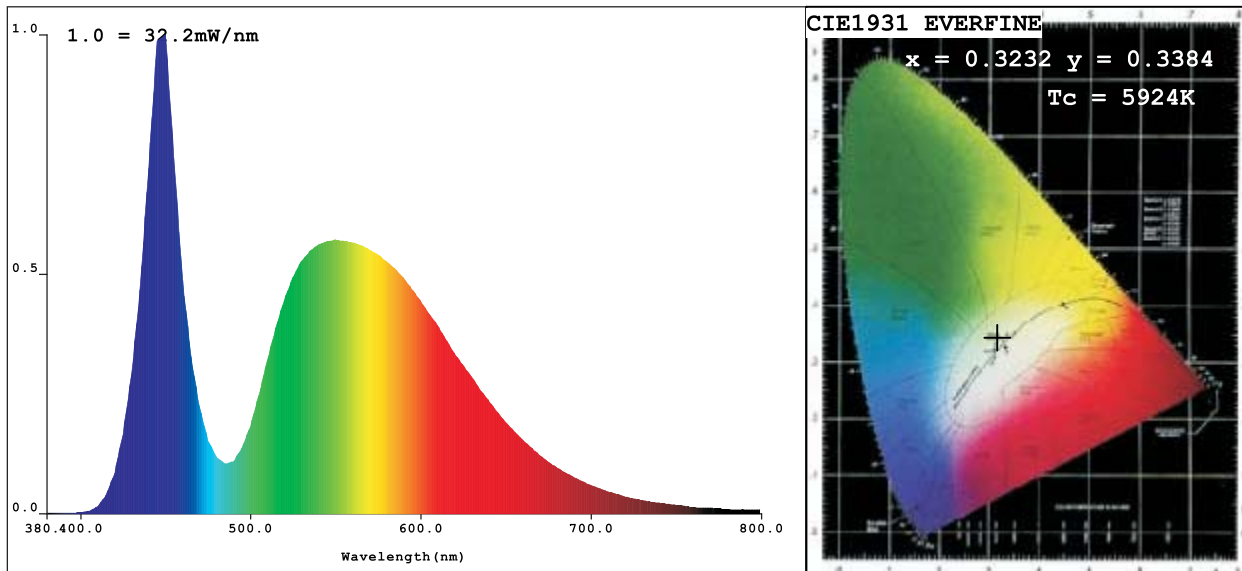
REF = 21632

TMP (PMT) = 24.6(deg.celsius)

Test Mode: Fast Test

QP08-012-AW-WW

Light Source Test Report



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