



ARK LIGHTING (SHENZHEN) CO.,LTD

Add:Zone A,6/F,Bldg.D,Yinfeng Industry Park,Hangcheng Road,
Gushu,Xixiang,Baoan District,Shenzhen,China.



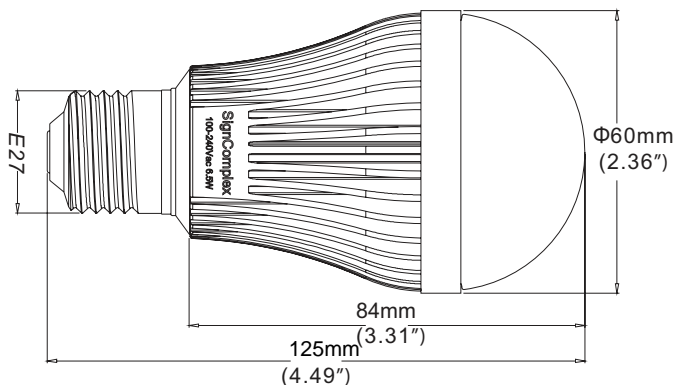
ARK LED Bulb

ARK Lighting's LED light bulb produces the same amount of light as conventional light bulb. It uses less power and fits into any normal fitting to replace your existing bulb. The bulb contains no mercury or toxic element. LED bulbs generate less heat than conventional bulbs and are safe. Changing your light bulb to ARK Lighting LM LED based bulb leads to cleaner and lower energy use which helps to fight climate change and protect the environment.

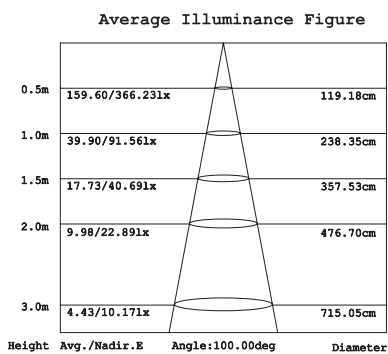
TECHNICAL SPECIFICATIONS

Luminary Power	3 W	5 W	7 W
Lamp Base	B22 / E27 / E26 / E14	B22 / E27 / E26 / E14	B22 / E27 / E26 / E14
Operating Voltage	AC 100-240 V, 50-60 Hz	AC 100-240 V, 50-60 Hz	AC 100-240 V, 50-60 Hz
Nominal Operating Power	3.5 W	5.8 W	7.2 W
Luminous Flux	180-220Lm / 230-265Lm	310-350Lm / 405-455Lm	380-420Lm / 510-550Lm
LED Life	50,000 h	50,000 h	50,000 h
Viewing Angle	120-160 °	120-160 °	120-160 °
Materials	Cast Aluminium Body; Frosted PC Cover	Cast Aluminium Body; Frosted PC Cover	Cast Aluminium Body; Frosted PC Cover
Dimensions	Ø 50 mm × 60.5 mm	Ø 60mm × 125 mm	Ø 56mm × 105 mm
Weight	84 g	142 g	142 g
Color Temperature	2700-3500 K(Warm White) / 5500-6500 K (Pure White)	2700-3500 K(Warm White) / 5500-6500 K (Pure White)	2700-3500 K(Warm White) / 5500-6500 K (Pure White)
Packaging Dimensions	55 mm × 55 mm × 65 mm	65 mm × 65 mm × 155 mm	65 mm × 65 mm × 155 mm
Single LED Source Lumen	80Lm/W Above	80Lm/ W Above	80Lm /W Above

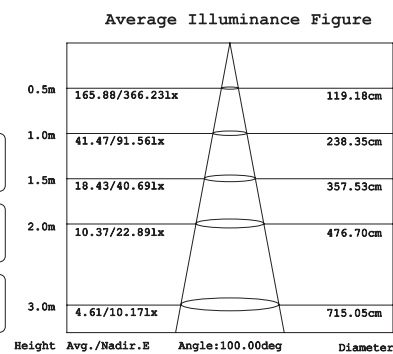
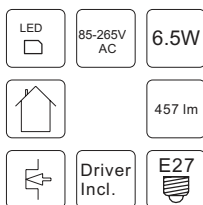
Dimensions



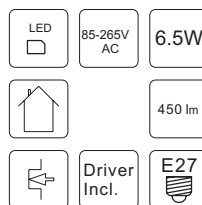
Specifications



FZ/002/B001/5E27-WW



FZ/002/B001/5E27-W



Model #	Color	LED Type	CCT	Rated Power Consumption	CRI	Luminous Flux	Working Voltage	Beam Angle	Weight
FZ/002/B001/5E27-W	White	1W LEDs	6000-6500K	6.5W	75	457 lm	85-265Vac	140°C	142g
FZ/002/B001/5E27-WW	Warm White	1W LEDs	3000-3500K	6.5W	51	450 lm	85-265Vac	140°C	

Absolute Maximum Rating

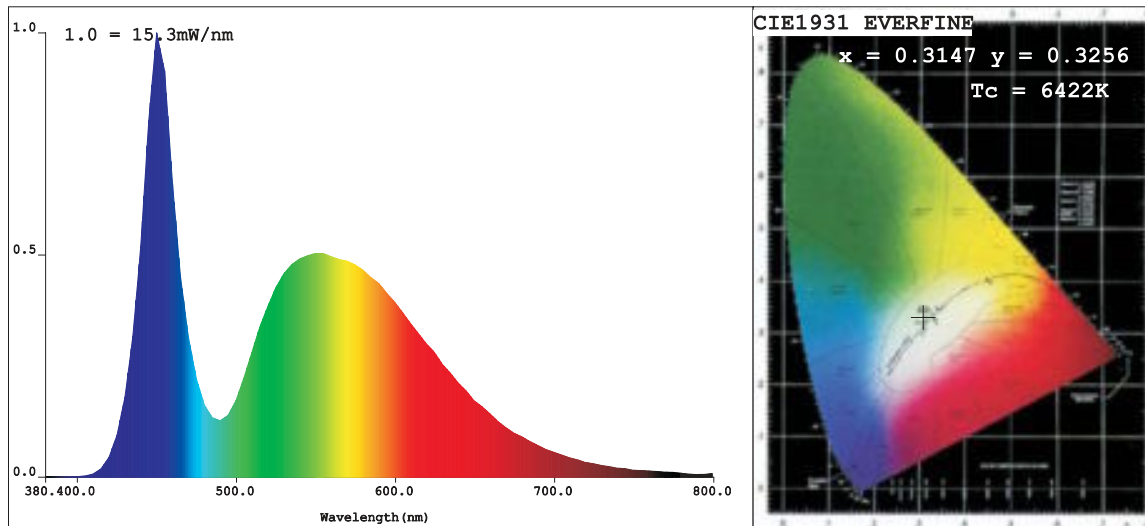
Parameter	Rating	Units
Aluminum Heat sink Temperature	67	° C
Operating Temperature	-20~+40	° C
Storage Temperature	-40~+80	° C
Equilibrium Temperature	62.8	° C



FZ/002/B001/5E27-W

Spectrophotometer Test Report

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: x=0.3147 y=0.3256/u'=0.2005 v'=0.4668 (duv=4.38e-004)

CCT: Tc= 5222K Prcp WaveL: ~~λ~~486.2nm Purity=6.9%

Peak WaveL: ~~λ~~p=450nm Half Width: ~~Δλ~~24.3nm Ratio: R=12.8% G=82.9% B=4.4%

Average Wave: 544nm

CLASS: E_5700K

Rendering Index: Ra=75.3

Photo Parameters:

Flux: ~~Φ~~457.71(lm) Luminous Efficacy: 79.31(lm/W) Luminous Power: P=1.122(W)

Electrical Parameters:

U=211.2V I=0.0354A P=6.603W PF=0.840

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

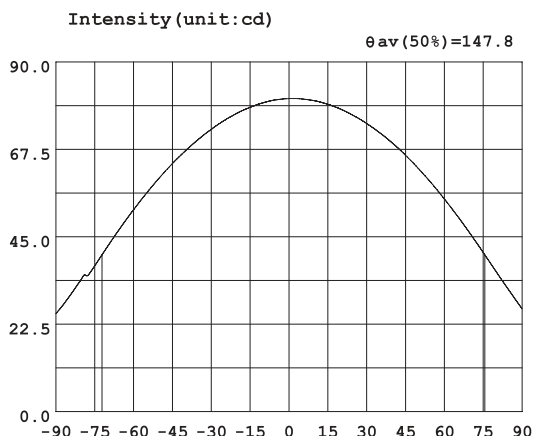
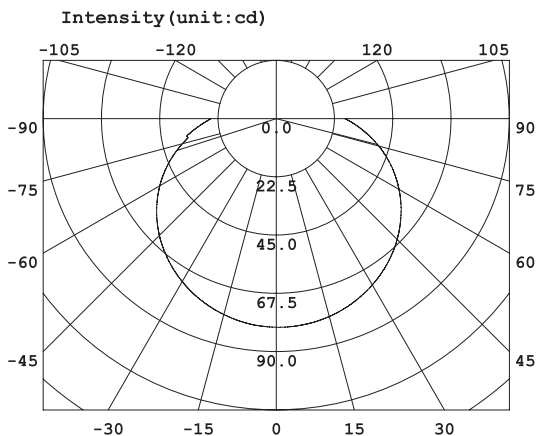
Ip = 18108(G=4,D=54)

REF = 15518

TMP(PMT) = 31.1(deg.celsius)

Test Mode: Fast Test

GONIOPHOTOMETER Test Report





ARK Lighting Warranty

ARK Lighting 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, ARK Lighting 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 ARK Lighting to service the Product.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. ARK Lighting 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.

Packing Size

