LIGHTING



FDV

BA- Lighting AS

BA208-AL17F-21W

Introduction



BA- Lighting AS IP65 weatherproof batten is newly developed for Oceania and European market. It is available in 21W & 42W with size of 600mm and 1200mm. Featuring high grade polycarbonate diffuser and housing, they are suitable for commercial and industrial use where moisture or dust is prevalent. Economy Weatherproof Batten range offers cost effective reliability and weatherproof resistance. The choice of body materials and electronic components are all impacted by our desire to produce the highest quality products worldwide at a value for money price.

- Up to 70% energy saving compared to standard CFL
- Long lifetime of 50,000 hours
- 110° wide beam angle
- CCT: 3000K 4000K
  5000K 5700K
- No UV/IR light
- Environment friendly, without Mercury or any other hazardous substances

Application notes

- IP65 both for indoor and outdoor use
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

Application Areas

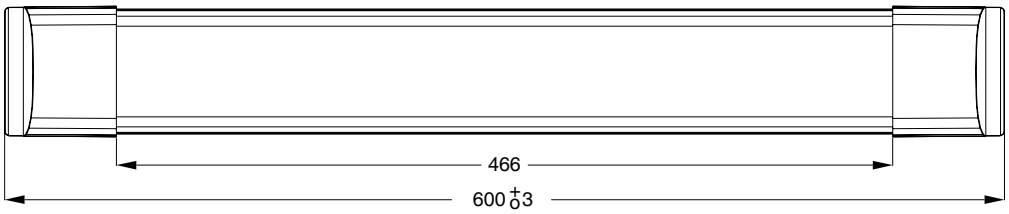
All commercial, industrial and domestic applications.

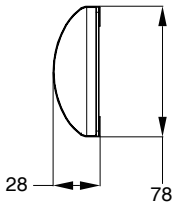
Certificate

CE RoHS SAA APPROVALS



Product Information





Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
BA-208-AL17F-21W	AC100-277V	21W	≥0.9	1650	110°	3000K	50000h	≥80	No	600*78*28mm
AL17F-21W	AC100-277V	21W	≥0.9	1680	110°	4000K	50000h	≥80	No	600*78*28mm
AL17F-21W	AC100-277V	21W	≥0.9	1760	110°	5000K	50000h	≥80	No	600*78*28mm
AL17F-21W	AC100-277V	21W	≥0.9	1700	110°	5700K	50000h	≥80	No	600*78*28mm

Driver data Sheet

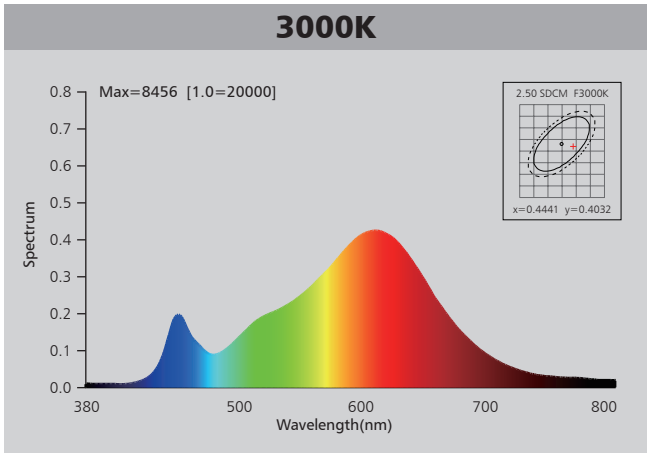
Driver data	Non-dim
Input rated Voltage	AC100-277V
Frequency	50/60Hz
Input Voltage	AC90-305V
Efficiency	≥90%
Total load Wattage	21W±5%
Power Factor	≥0.9
Rated input current	≤0.24A
Full load output Voltage	DC60-72V
Rated output current	260mA
Output current range	260mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
Withstand voltage	AC3750V

Fixture Compatibility

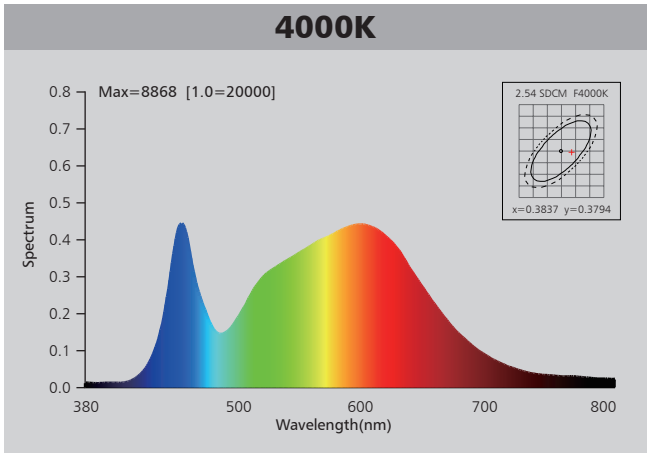
Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
21W	II	IP65	-20°C~45°C	0~90%	-20°C~65°C

Spectral Distribution

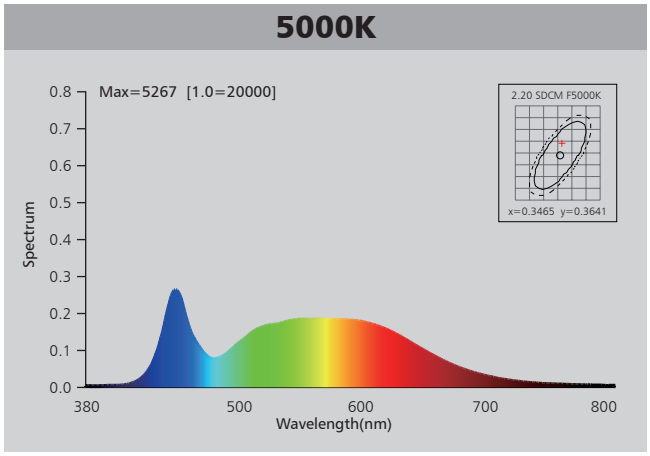
3000K



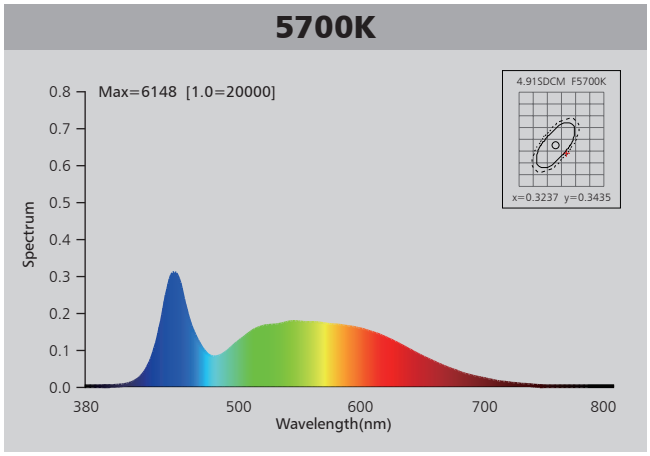
4000K



5000K

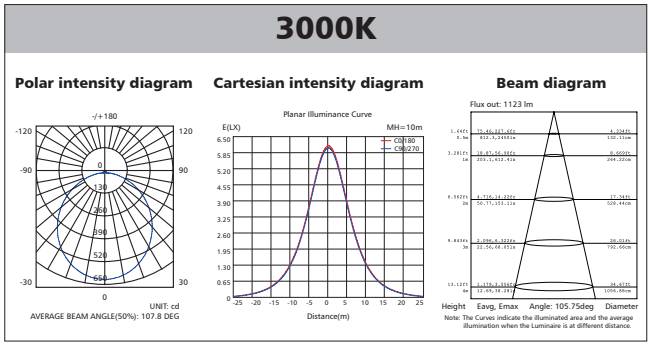


5700K

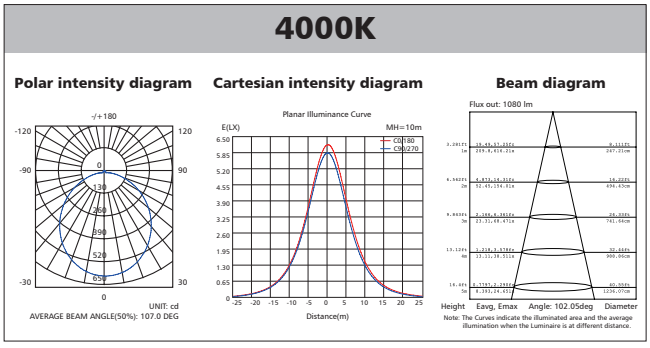


Photometric Diagram

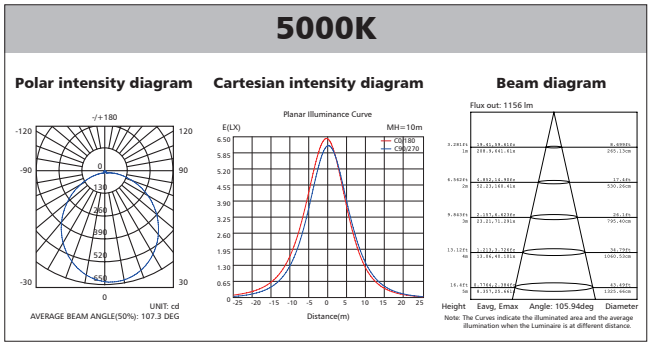
3000K



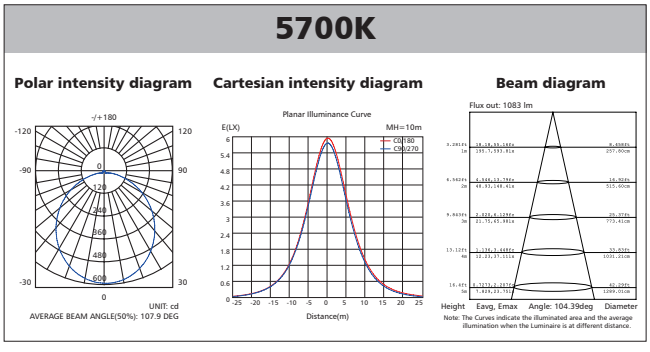
4000K



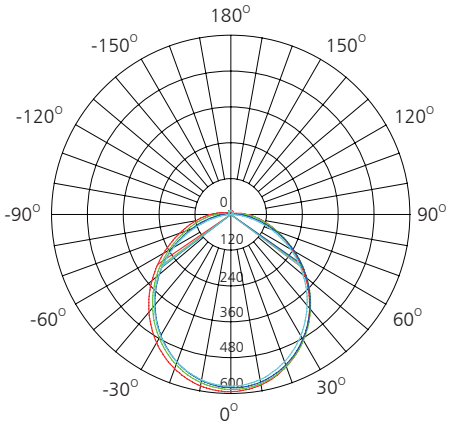
5000K



5700K



Polar Diagram Comparison



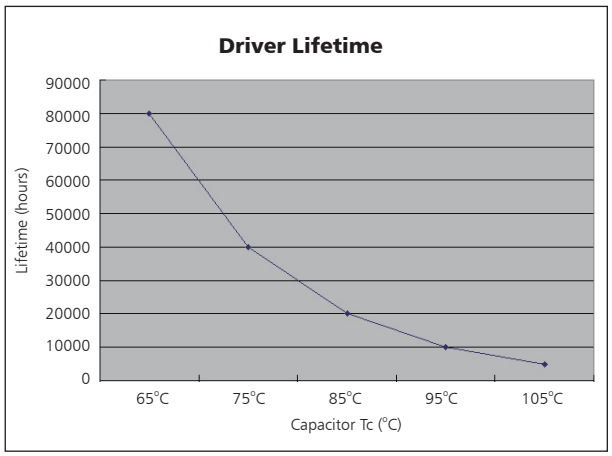
AVERAGE BEAM ANGLE (50%): 107.9DEG

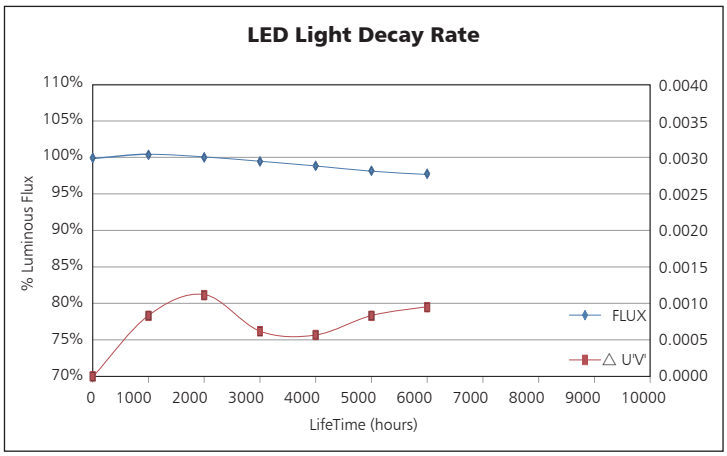
UNIT: cd

- C0/180, 109.0 deg
- C30/210, 108.4 deg
- C60/240, 107.6 deg
- C90/270, 106.4 deg



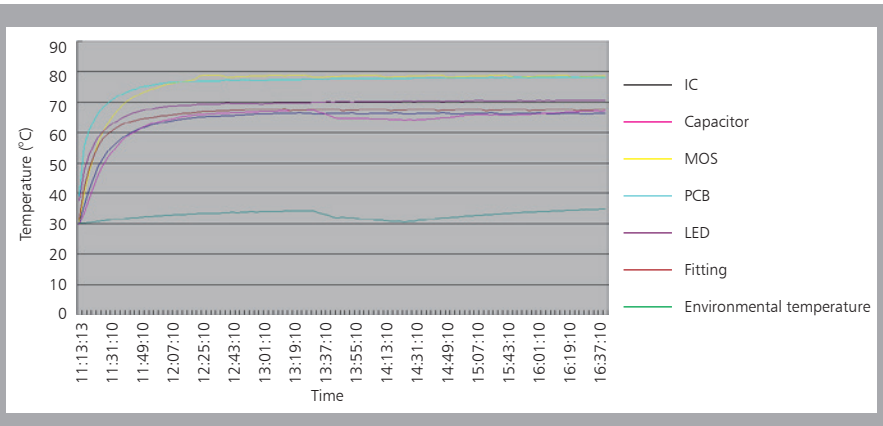
Driver lifetime & LED light decay rate





Temperatur

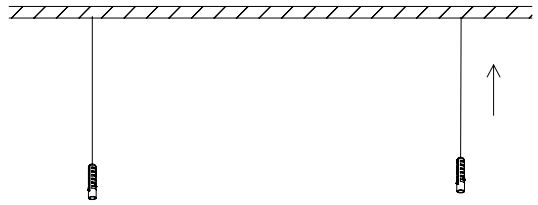
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



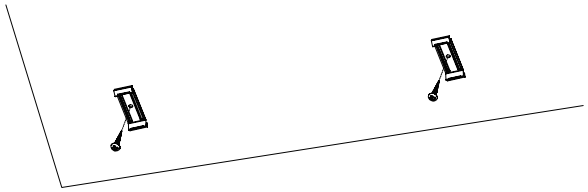


The driver lifespan is based on capacitor working temperature.

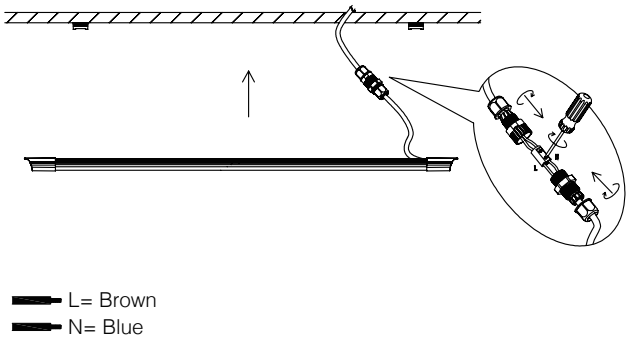
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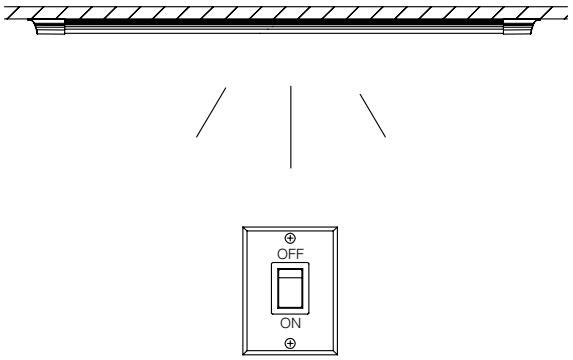
Step 1. Knock-in the plastic anchor into ceiling



Step 2. Fastening the clips on the ceiling



Step 3. Connect the power supply and hang the fixture back to the clips

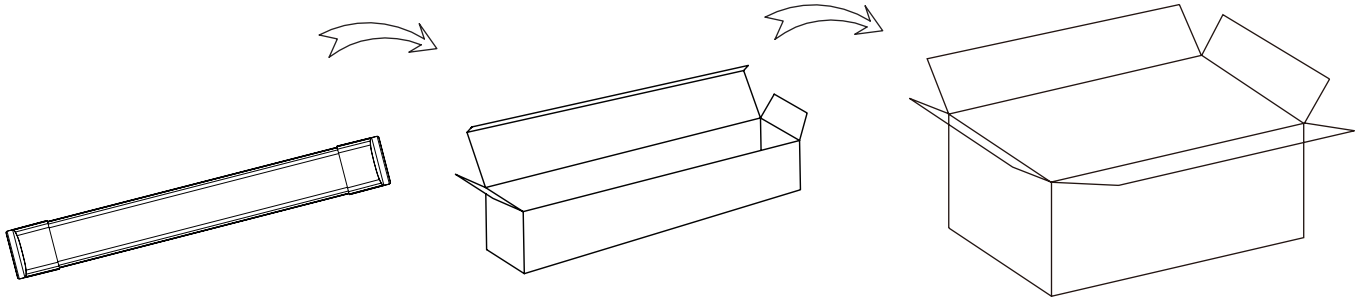


Step 4. Restore power supply, switch on and test for correct operation

Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	65*46*22.5	0.45	15	25

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	410	10250	28
40" standard container	820	20500	56



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