

# ECO INDUSTRIAL SUPPLIES

## *Slimline IP65 Outdoor LED Batten*

**Weatherproof 21 Watt 600mm**



EIS Slimline IP65 out & indoor weatherproof batten is newly developed suitable for many applications. It is available in 21W 600mm & 42W 1210mm. 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 world-wide at a value for money price.**



Up to 70% energy saving compared to standard CFL, Long lifetime of 40,000 hours, 120° wide beam angle & available in 3000K, 4000K, 5000K, 5700K. No UV/IR light emissions, environment friendly & has no mercury or any other hazardous substances.

### *... 3 Year Warranty ...*

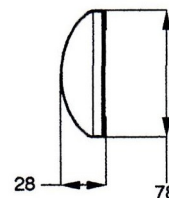
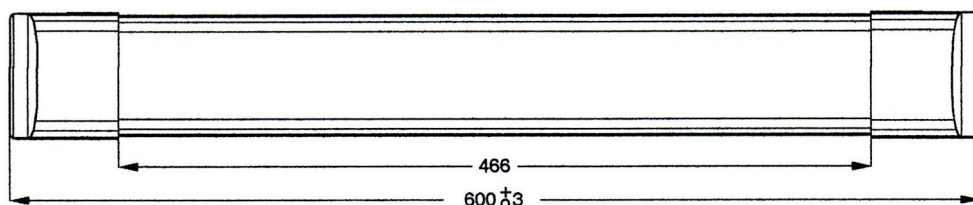
- IP65 for outdoor or indoor & use where moisture & dust is prevalent
- Installation must be carried out by a qualified electrician.
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas



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### Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
NBG-AL17F-21W	AC100-277V	21W	≥0.9	1650	110°	3000K	40000h	≥80	No	600*78*28mm
NBG-AL17F-21W	AC100-277V	21W	≥0.9	1680	110°	4000K	40000h	≥80	No	600*78*28mm
NBG-AL17F-21W	AC100-277V	21W	≥0.9	1760	110°	5000K	40000h	≥80	No	600*78*28mm
NBG-AL17F-21W	AC100-277V	21W	≥0.9	1700	110°	5700K	40000h	≥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



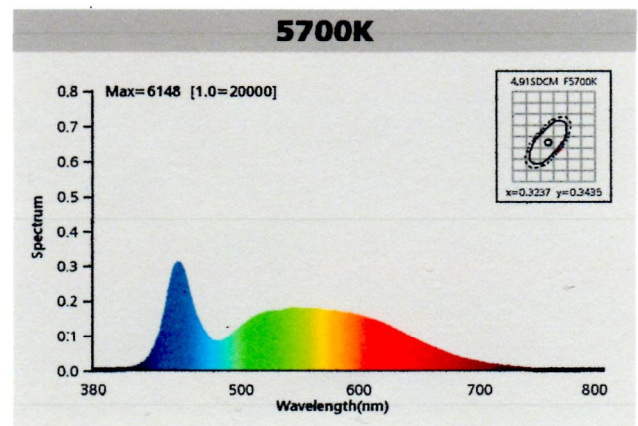
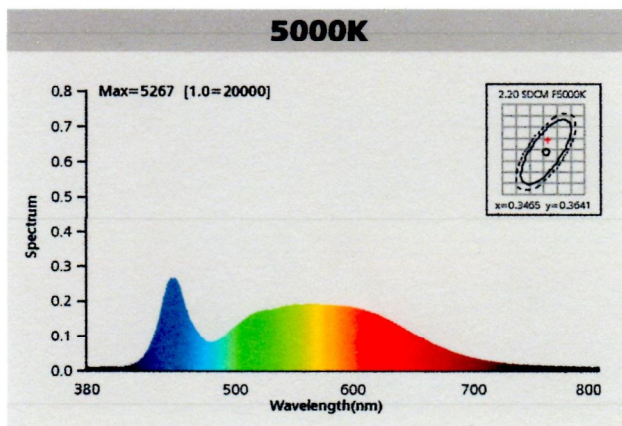
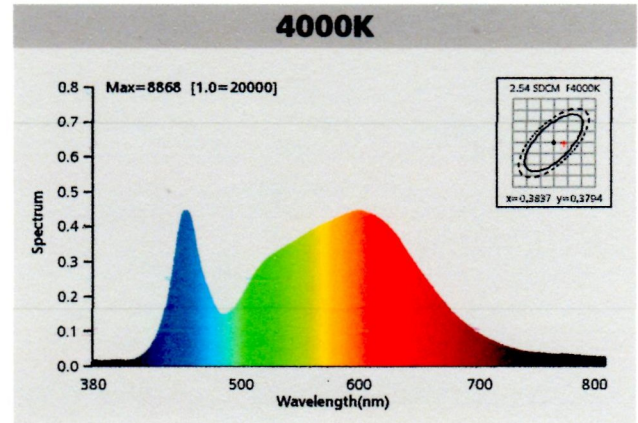
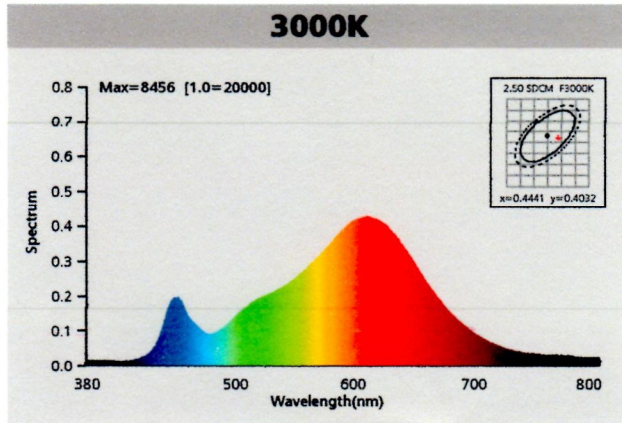
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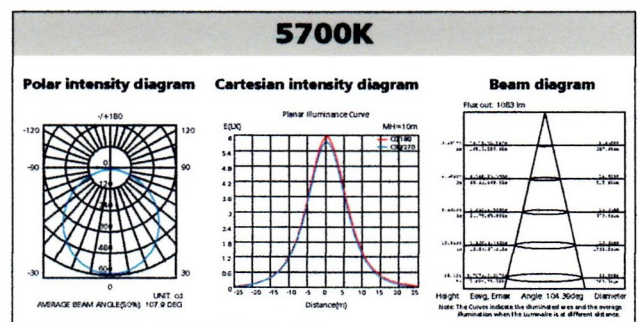
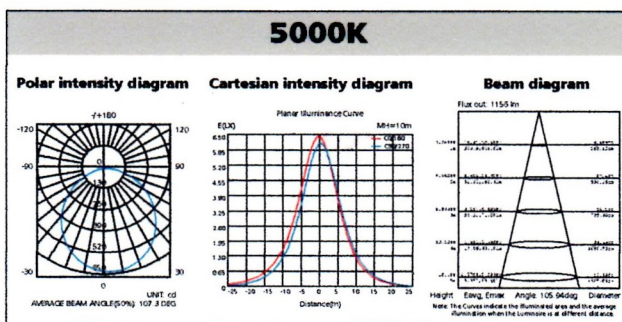
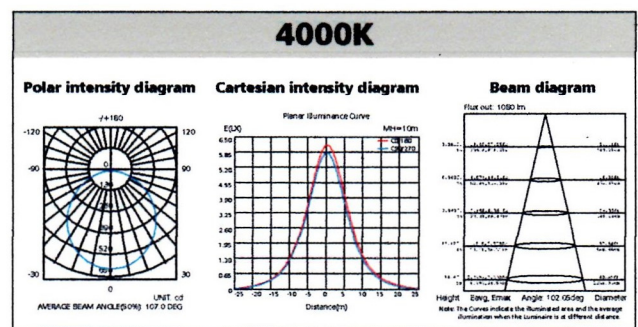
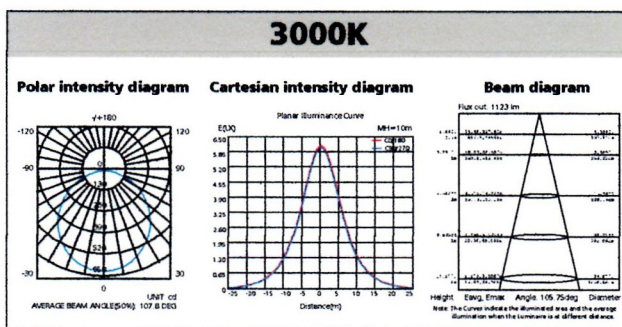
Weatherproof 21 Watt 600mm



### Spectral Distribution



### Photometric Diagram





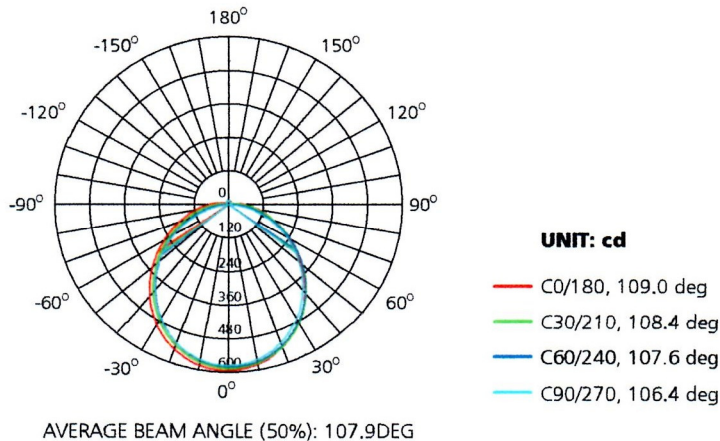
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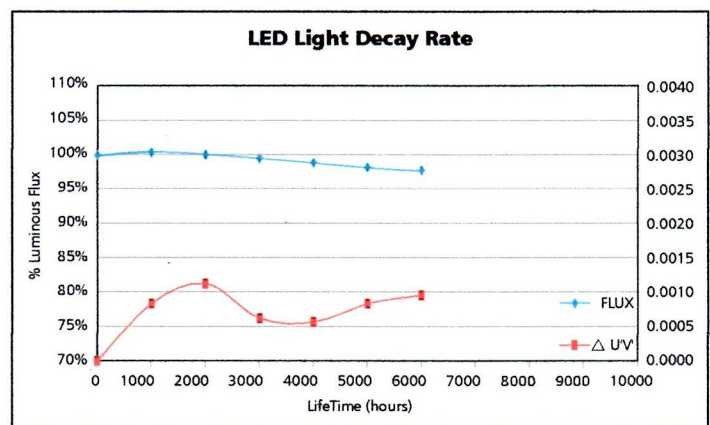
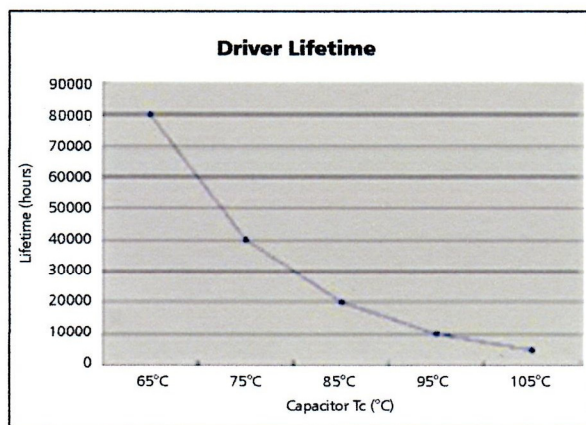
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### Polar Diagram Comparison

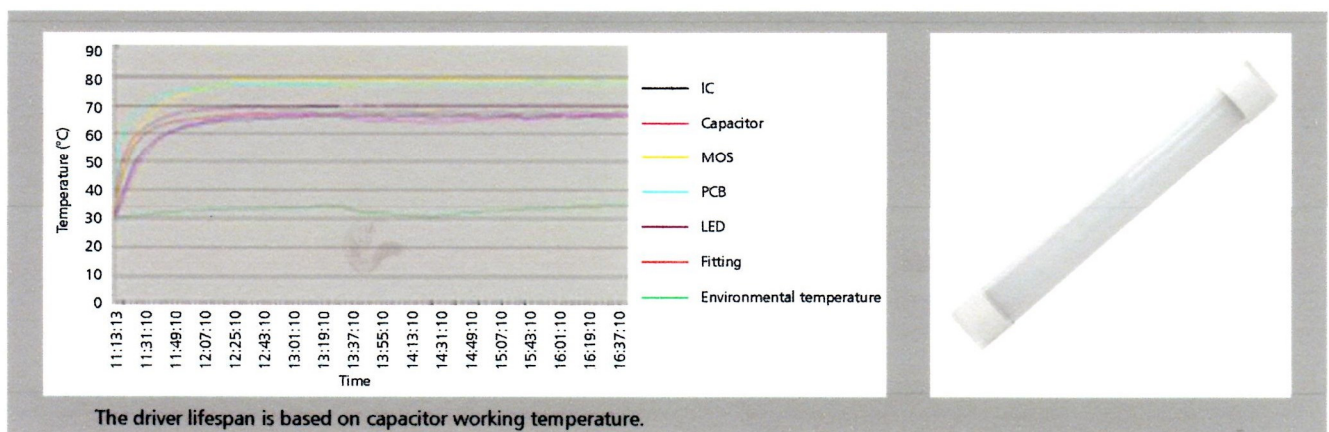


### Driver lifetime & LED light decay rate



### Temperature

- 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



# ECO INDUSTRIAL SUPPLIES

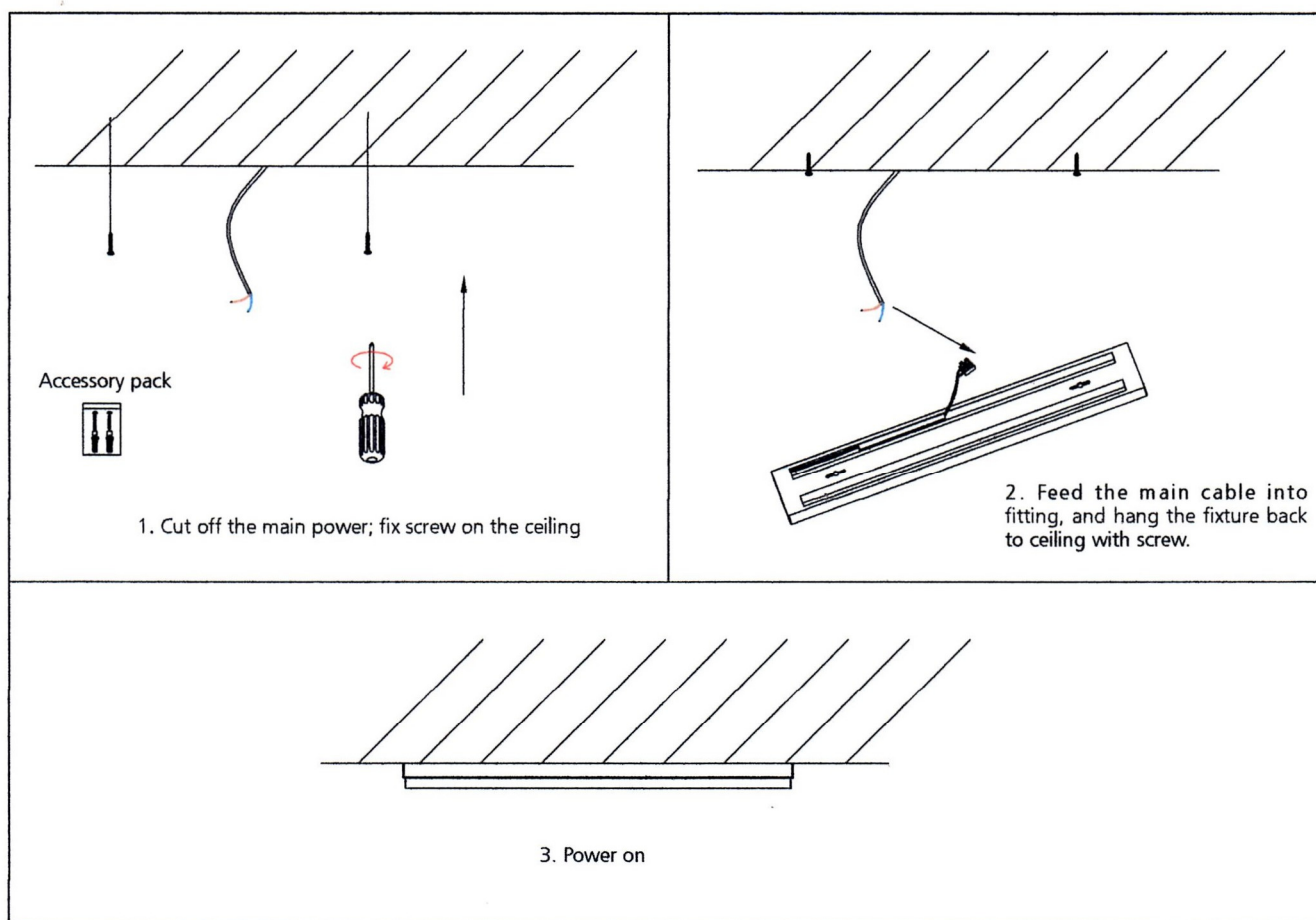
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### Installation Guide.

*Always use a licenced electrician for installation.*



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

