

# T8 LED BARE CHANNEL

ECO MASTER STD SERIES



## TECHNICAL SPECIFICATIONS

Input Power	1 X 2FT - LBN58121E - P08ES3SM □ 2 X 2FT - LBN58221E - P08ES3SM □ 1 X 4FT - LBN58141E - P16ES3SM □ 2 X 4FT - LBN58241E - P16ES3SM □ 1 X 4FT - LBN58141E - P18ES3SM □ 2 X 4FT - LBN58241E - P18ES3SM □ □ : CCT (D/ C/ W)
Housing Material	Heavy Gauge Steel Sheet Body
Housing Finishing	Epoxy Powder Coated, Oven Baked
Housing Color	White
T8 Tube Housing	Polycarbonate (PC)
Mounting	BESA Fixing Hole
Ingress Protection	IP20
Protection Class IEC	Class 1
Operating Temperature	-20 to +50 °C
Lifetime	50,000 h
Warranty	3 / 5 Years

## ELECTRICAL DATA

Input voltage	220 - 240 Vac (50/60Hz)
Dimmable	Non
Input Current (Tube)	8 W = 0.03 A 16 W = 0.07 A 18 W = 0.08 A
Power Factor	> 0.95
Power Efficiency (%)	> 90 %
Total Harmonic Distortion (THD)	< 11 %

## PHOTOMETRIC DATA

Color Temperature	<input type="checkbox"/> 3000K Warm White <input type="checkbox"/> 4000K Cool White <input type="checkbox"/> 5000K Day Light <input type="checkbox"/> 6500K Cool Daylight
Color Rendering Index	> 80
Beam Angle	160°
Standard Deviation Colour Matching (SDCM)	< 5
Luminous Flux	(2ft) 1 X 8 W - 1,050 lm (2ft) 2 X 8 W - 2,100 lm (4ft) 1 X 16 W - 2,100 lm (4ft) 2 X 16 W - 4,200 lm (4ft) 1 X 18 W - 2,360 lm (4ft) 2 X 18 W - 4,720 lm
Luminous Efficacy	130 - 133 lm / W

## COMPLIANCE STANDARD

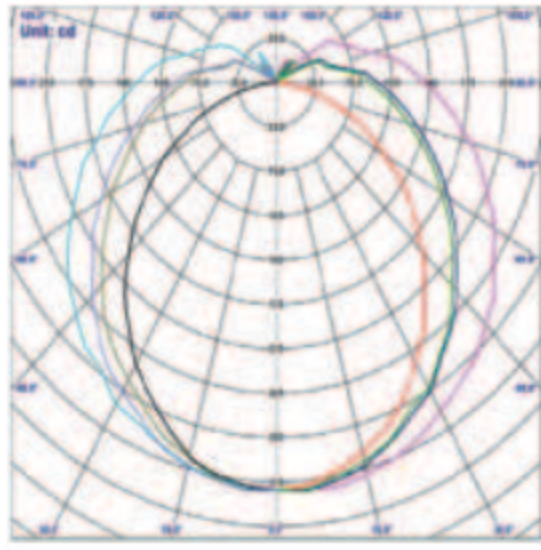
LED	IES LM-80, UL, RoHS
Tube	IEC 62776, IEC 62612, MS 2598, IEC 60061, CISPR15, IEC 61547, IEC 61000-3-2
Luminaire	IEC 60598-1, IEC 60598-2-1, IEC 62471, IES LM-79-08
Approval Marks	SIRIM Certificate Suruhanjaya Tenaga (ST) MyHijau (Tube) JKR EMAL

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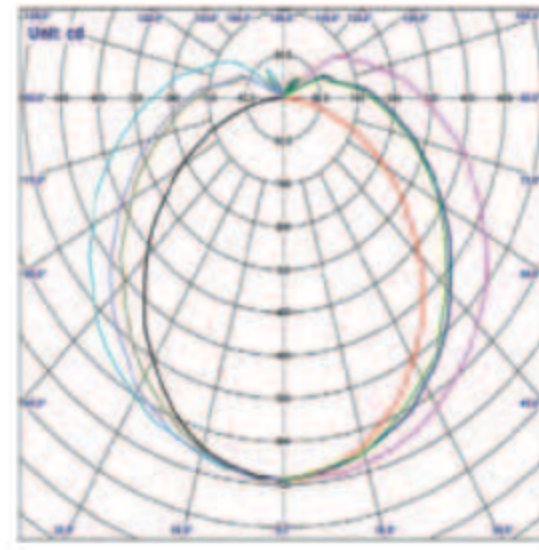
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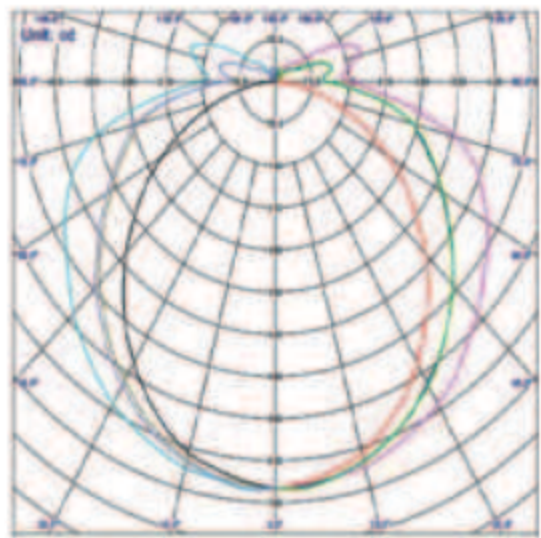
## PHOTOMETRIC



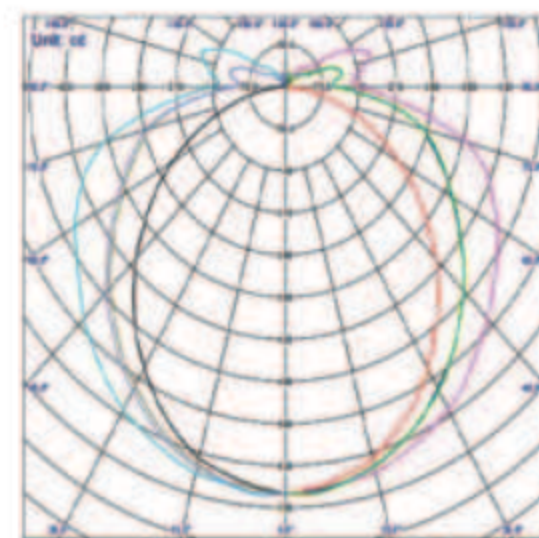
1 X 2FT



1 X 4FT

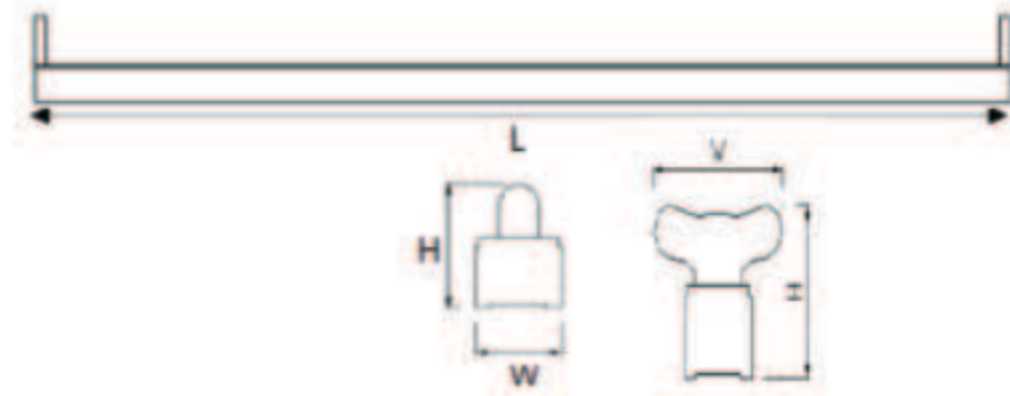


2 X 2FT



2 X 4FT

## PRODUCT DIMENSION



MODEL	HOUSING	
	DIMENSION	NET WEIGHT
LBN58121E	L : 610 x W : 44 x H : 64 mm	0.5 Kg
LBN58221E	L : 610 x W : 105 x H : 71 mm	0.55 Kg
LBN58141E	L : 1220 x W : 44 x H : 64 mm	0.95 Kg
LBN58241E	L : 1220 x W : 105 x H : 71 mm	1.0 Kg

## PROJECT REFERENCE



## CERTIFICATION

