

# T8 LED RECESSED MOUNTED

ECO PREMIUM PLUS SERIES



## TECHNICAL SPECIFICATIONS

Input Power	2 X 2FT - LRCM5822241E - P08ES3PM□ 3 X 2FT - LRCM5832241E - P08ES3PM□ 2 X 4FT - LRCM5824241E - P□□ES3PM□ 3 X 4FT - LRCM5834241E - P□□ES3PM□ □□ : 4FT Power T8 Tube (10W /12W /14W /16W /18W) □ : CCT (D/ C/ W)
Housing Material	Heavy Gauge Steel Sheet Body
Housing Finishing	Epoxy Powder Coated, Oven Baked
Housing Colour	White
T8 Tube Housing	Polycarbonate (PC) + Build-in Aluminium
Mounting	BESA Fixing Hole
Ingress Protection	IP20
Protection Class IEC	Class 1
Operating Temperature	-20 to +50 °C
Lifetime	60,000 h
Warranty	3 / 5 Years

## ELECTRICAL DATA

Input voltage	220 - 240 Vac (50/60Hz)
Dimmable	Non
Input Current (Tube)	8 W = 0.03 A 10 W = 0.04 A 12 W = 0.05 A 14 W = 0.06 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)	< 3
Luminous Flux	(2ft) 2 X 8 W - 2,400 lm (2ft) 3 X 8 W - 3,450 lm (4ft) 2 X 10 W - 3,000 lm (4ft) 3 X 10 W - 4,500 lm (4ft) 2 X 12 W - 3,600 lm (4ft) 3 X 12 W - 5,400 lm (4ft) 2 X 14 W - 4,200 lm (4ft) 3 X 14 W - 6,300 lm (4ft) 2 X 16 W - 4,800 lm (4ft) 3 X 16 W - 7,200 lm (4ft) 2 X 18 W - 5,400 lm (4ft) 3 X 18 W - 8,100 lm
Luminous Efficacy	144 - 150 lm / W

## COMPLIANCE STANDARD

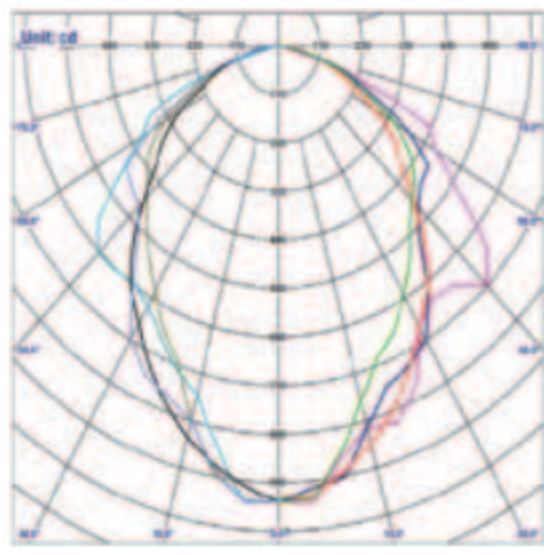
LED	IES LM-80, UL, RoHS
Tube	IEC 62776, IEC 62612, MS 2598, IEC 60061, CISPR15, IEC 61547, IEC 61000-3-2
Luminaire	IEC 60598-1, IEC 60598-2-2, IEC 62471, IES LM-79-08
Approval Marks	SIRIM Certificate Suruhanjaya Tenaga (ST) MyHijau (Tube) JKR EMAL

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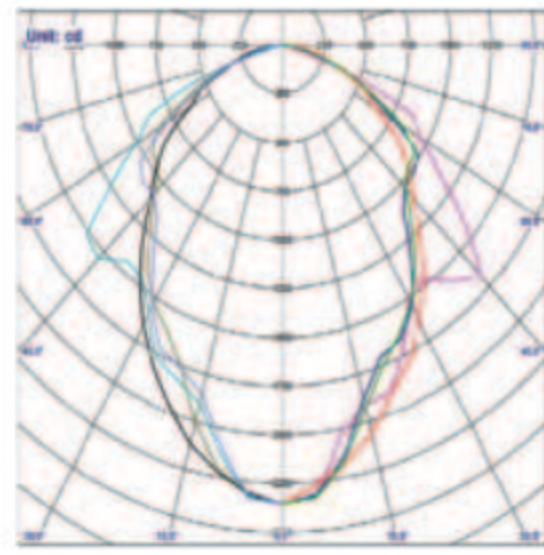
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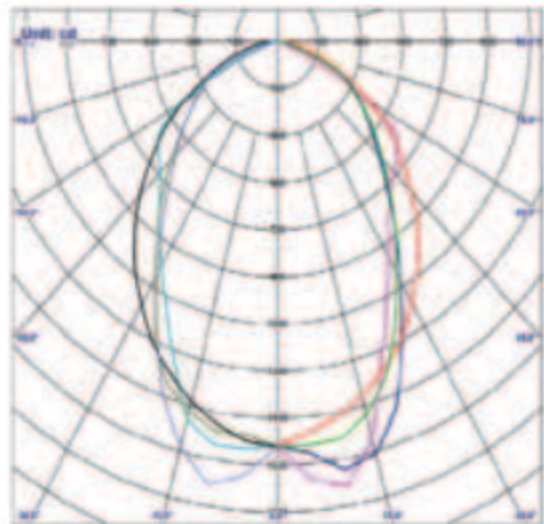
## PHOTOMETRIC



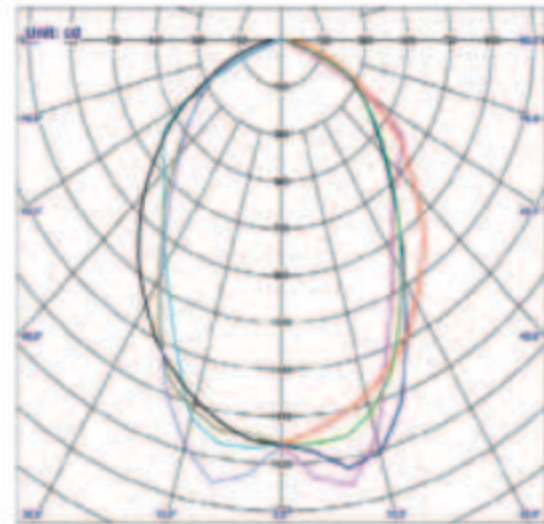
2 X 2FT



2 X 4FT

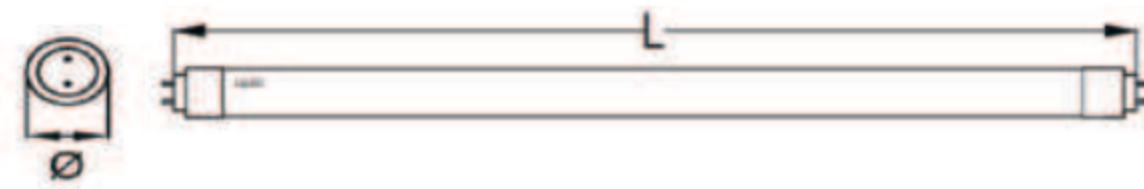
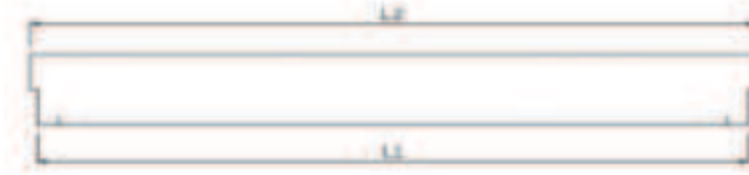


3 X 2FT



3 X 4FT

## PRODUCT DIMENSION



MODEL	HOUSING		
		DIMENSION	NET WEIGHT
LRCM5822241E	2 X 2FT	L1/L2 : 595/610 x W : 595 x H : 70 mm	3.0 Kg
LRCM5832241E	3 X 2FT	L1/L2 : 595/610 x W : 595 x H : 70 mm	3.2 Kg
LRCM5824241E	2 X 4FT	L1/L2 : 1195/1220 x W : 595 x H : 70 mm	5.0 Kg
LRCM5834241E	3 X 4FT	L1/L2 : 1195/1220 x W : 595 x H : 70 mm	5.2 Kg

## PROJECT REFERENCE



## CERTIFICATION

