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# BEAM

LED LINEAR LIGHT

90W

Truelite led Beam series LED linear light is a new ecofriendly product, using high efficiency and high CRI led as light source, working under low voltage and temperature, safe and reliable. Led tube light are same with the traditional fluorescent tube in appearance, but it much more energy saving, ecofriendly and have longer life span. Due to the longer lifespan of an LED bulb over a fluorescent tube, maintenance and replacement times can be reduced markedly when LEDs are used. LEDs light up as soon as an electrical current is passed through them. Many fluorescent lights do not provide optimum illumination levels until they have been running for a few minutes. LEDs provide instant light and instant full illumination.

## Features

- Universal end cap, directly replace florescent lamp.
- Use high quality and efficiency led. Long life.
- Easy installation. Save time
- Various color temperature for various uses.
- High reliability. Multi units can be linkable
- Wide range of working ambient temperature.
- Isolated constant current drivers.
- Consumes 60% to 70% less energy than conventional Fluorescent Tubes
- Eco friendly, no UV and mercury.
- CE, Energy star, RoHS certifications.



## Electrical Parameters

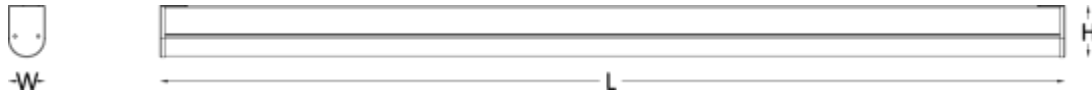
Input Voltage	AC 90V ~ 305V
No Of LEDs	112
Frequency	50/60Hz
Driver Power Efficiency	>80%
Rated power	90W
Power Factor(PF)	>0.95
Total Harmonic Distortion	< 20%
Color Rendering Index	>70
Color Temperature	4000-5000K
Beam Angle	140°
Efficacy of Led	104 lm/w
Diffuser	T5D
Luminous flux	9380lm
Working Ambient Temperature	-40°C To +50°C
Led Model	CREE
IP Rating	IP65
Service Life	>50000 Hours
Light Fixture Material	Aluminum ,ABS, Diffuser
Dimensions	1203 x 49 x 90(mm) 47.36" x 1.93" x 3.54"
NW (Kg)	2.34KG
Certification	UL/ CUL /DLC/ LM79 /CB/CE / RoHS

\*All parameters are measured @ ambient temperature Tc 25 degree

## Application Area

Led Linear light is widely used in office, houses, schools, and commercial lighting and also in corridors and passage ways. Truelite Tube Lights provide warm, white and pure color temperature options and high temperature and cold weather resistance. It is easy for installation, can directly replace the traditional tubes, is cost effective and convenient to use.

## Dimension Drawing



## Ordering Code

MODEL	OPTICAL LENS	CCT(ANIS)	OPTICAL COLOR	LIGHTING CONTROL
TLBLL90	T5R Diffuser	40K* 3985 ± 275 50K* 5028 ± 283	WH* White (RAL:9010)	00 Not required 02 Motion sensor 05 0-10VDimming

Example 1: TLBLL90-T5R-50K-00



Surface Mount



Suspension Mount