

LED Linkable Fixtures



Lumens Depot Linkable T8 LED Integrated Lamps are designed to deliver efficient performance in applications where traditional low voltage, halogen, or fluorescent luminaires have been used.

These advanced LED tubes feature integral drivers, a self-supporting design, and can be easily surface mounted for versatile installation. Multiple units can be seamlessly connected to create continuous lighting runs up to 200W, making them ideal for extended applications.

Product Features

- Efficacy up to 140 Lumens per watt
- Input Voltage 100-277Vac 50-60Hz
- Operates directly from line voltage
- Usable as a stand alone fixture
- Linkable up to 200W at AC120V
- Aluminum and PC housing
- ETL & DLC Listed
- 5 Year warranty

LED Linkable Fixtures

30 Watt		Specification
Parameter	Description	Value
General Performance	Wattage	30W
	Lumen	4200Lm
	Lumen Efficacy	Up to 140LM/W
	Color Temperature	6500K 5000K 4000K
	CRI (Ra)	>80
	Beam Angle	100° Degree
	Diffuser Type	Striped / Clear / Frosted
Electrical	Input Voltage	100-277Vac
	Frequency	50/60Hz
	Power Factor	>0.95
Physical	Operating Temperature	-30°C to 65°C
	Operating Humidity	N/A
	Storage Temperature	N/A
	LED Type	SMC2835
	Housing Material	Aluminum + PC Cover
Qualification	Housing Color	White
	IP Rating	IP22
	Warranty	5 Year

LED Linkable Fixtures

LED LINKABLE FIXTURES

60 Watt		Specification		
Parameter	Description	Value		
General Performance	Wattage	60W		
	Lumen	8400Lm		
	Lumen Efficacy	Up to 140LM/W		
	Color Temperature	6500K 5000K 4000K		
	CRI (Ra)	>80		
	Beam Angle	100° Degree		
	Diffuser Type	Striped / Clear / Frosted		
General Performance	Input Voltage	100-277Vac		
	Frequency	50/60Hz		
	Power Factor	>0.95		
Physical	Operating Temperature	-30°C to 65°C		
	Operating Humidity	N/A		
	Storage Temperature	N/A		
	LED Type	SMC2835		
	Housing Material	Aluminum + PC Cover		
Qualification	Housing Color	White		
	IP Rating	IP22		
	Warranty	5 Year		

LED Linkable Fixtures

60 Watt		Specification
Parameter	Description	Value
General Performance	Wattage	90W
	Lumen	12600Lm
	Lumen Efficacy	Up to 140LM/W
	Color Temperature	5000K / 6500K
	CRI (Ra)	>80
	Beam Angle	100° Degree
	Diffuser Type	Clear
General Performance	Input Voltage	100-277Vac
	Frequency	50/60Hz
	Power Factor	>0.95
Physical	Operating Temperature	-30°C to 65°C
	Operating Humidity	N/A
	Storage Temperature	N/A
	LED Type	SMC2835
	Housing Material	Aluminum + PC Cover
Qualification	Housing Color	White
	IP Rating	IP22
	Warranty	5 Year

Optional Accessories (Cable)



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Accessories

Linkable Options



Mounting Clips



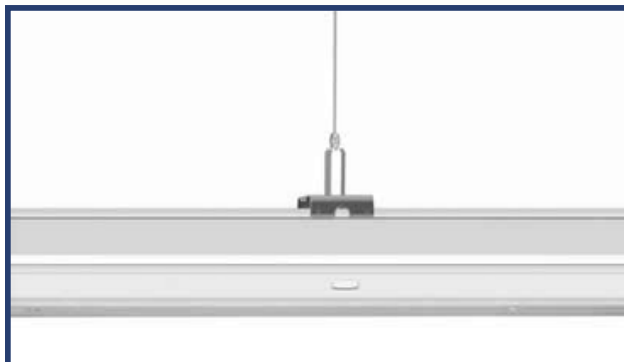
Linkable Options



Linkable Options Mounting Clips

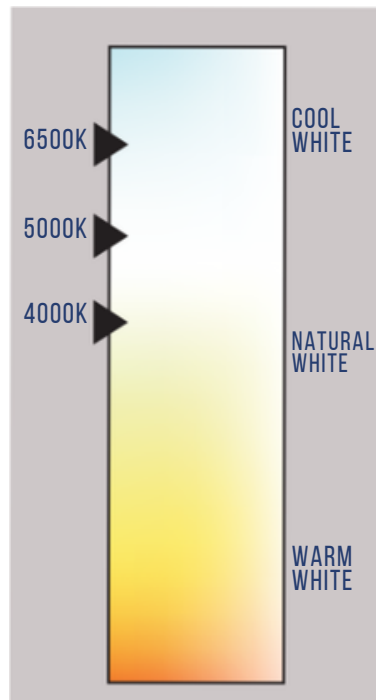


Installation, Hanging

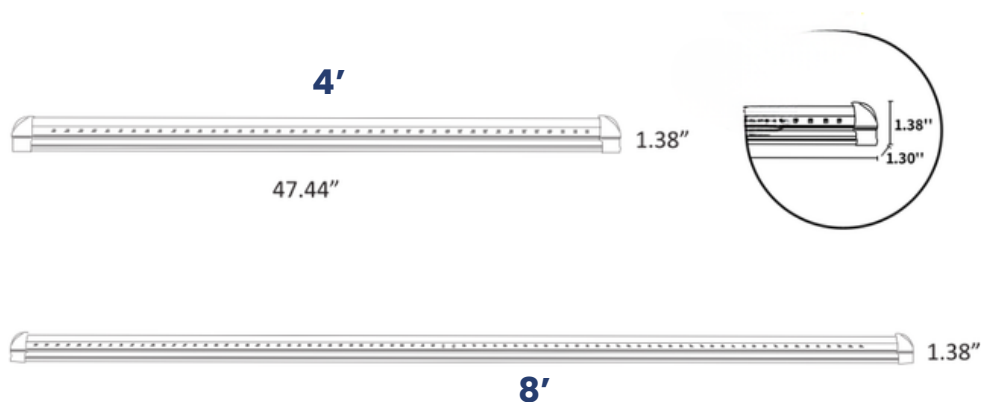


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Correlated color temperature (CCT)

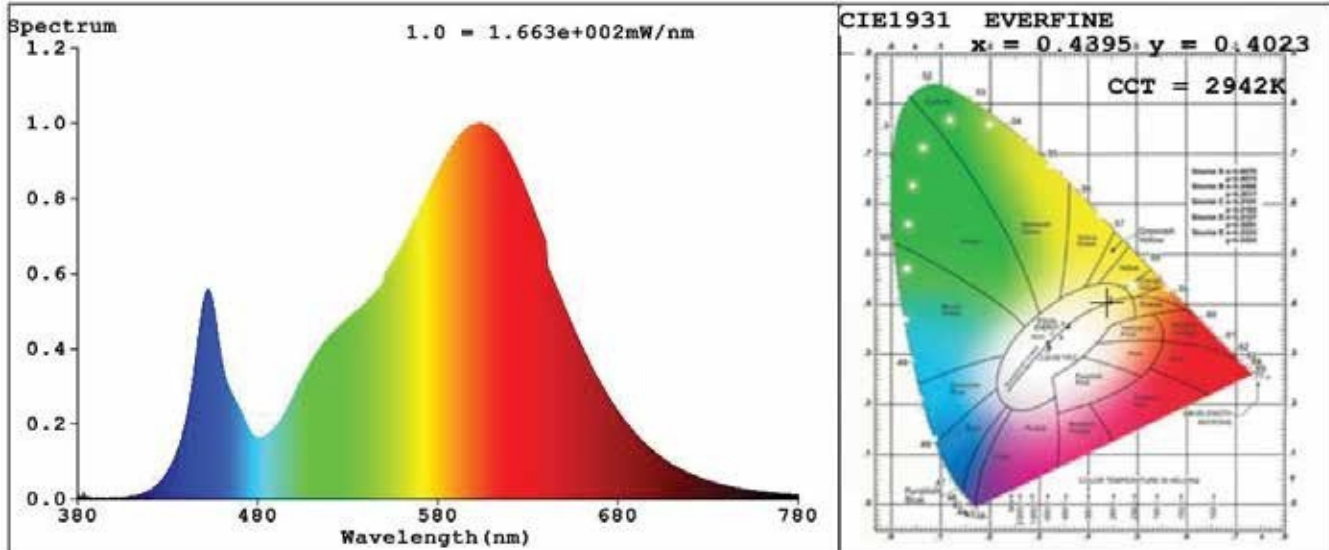


Dimension



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Distribution Diagram



Chromaticity Measurement spectroradiometer

Method (Self-absorption)

Parameter	Result
Test Voltage (V)	120
Frequency (Hz)	60
CCT (K)	2942
Duv	-0.0011
Chromaticity (x, y)	$x=0.4395$ $y=0.4023$
Chromaticity (u', v')	$u'=0.2530$ $v'=0.5211$
Color Rendering Index (CRI)	80
R9	0

Special Color Rendering Indices			
R1	78	R9	0
R2	90	R10	77
R3	96	R11	75
R4	77	R12	68
R5	78	R13	81
R6	87	R14	98
R7	80	R15	70
R8	54	--	--

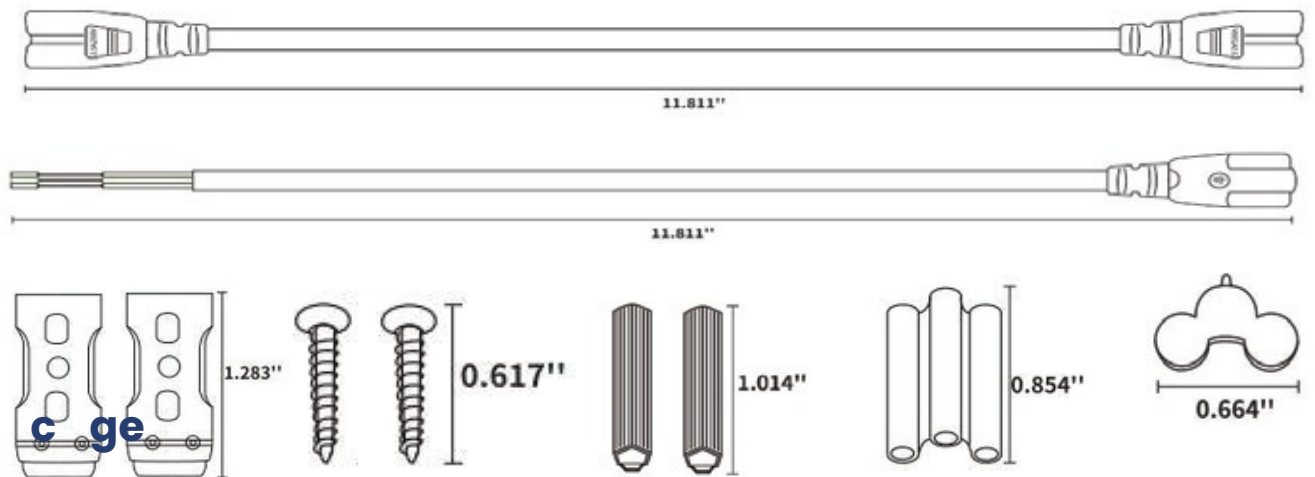
Photometric Measurement - Sphere - Spectroradiometer Method

Parameter	Results		DLC V4.4 Pass Criteria	
Test Voltage (V)	120	277	--	
Frequency (Hz)	60	60		
Total Luminous (lm)	8265	8323	$\geq 375 \text{ lm/ft} (-10\%)$	
Luminous Efficacy (lm/W)	135.43	137.82	Standard: $\geq$	Premium: $\geq$
			105(-3%)	130(-3%)

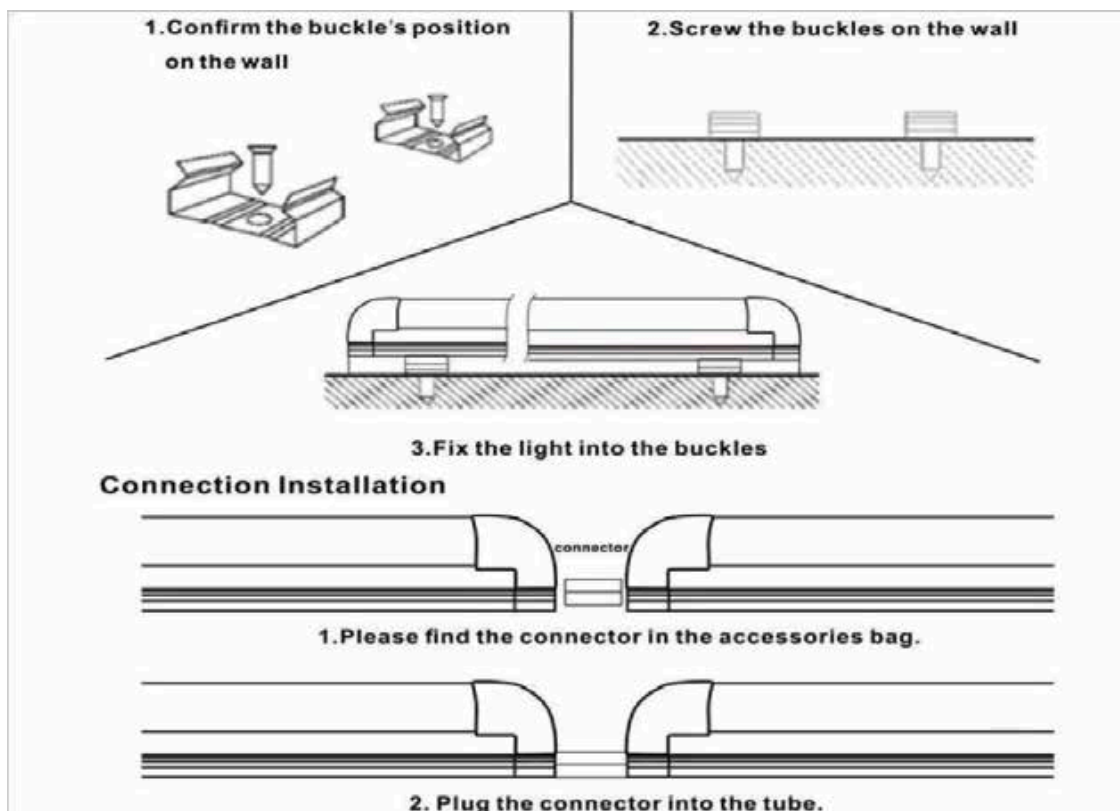
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Installation

1. standard accessories are given below



2. Installation instruction:



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Packaging

Tube length	Box Size (in)	Box Qty	Box Weight
4'	49.21 x 5 x 5	4 Pcs	7 LBS
4'	49.21 x 9 x 8	20 Pcs	18 LBS
8'	95.28 x 5 x 5	4 Pcs	11 LBS
8'	95.28 x 5 x 8	20 Pcs	34 LBS



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Application Picture

