



CONVEX™

LED T8 Tube



SKU	Model No.
157101	DYU-TTBTWC-8M
157102	DYU-TTBTWC-8T

Beyond LED Technology's CONVEX T8 tube is a high-performance lighting solution designed for commercial and industrial environments such as warehouses, supermarkets, gymnasiums, and large retail spaces. This 8 ft Type B model delivers bright, efficient illumination at 125 lumens per watt with selectable wattages and adjustable color temperatures. It features a double-ended power configuration and is available in frosted or clear lens options. Built for durability and long-lasting performance, the CONVEX tube is ETL listed for safety and compliance.

Product Features

- Available in 8ft
- Up to 125 lm/W
- Adjustable Wattage
- Adjustable CCT
- Double-ended power
- Aluminum Housing
- Frosted or Clear PC Lens
- 140° Beam Angle
- Input Voltage 120-277V AC
- ETL Listed
- 5 Years warranty

CONVEX™

LED T8 Tube



SKU	ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	TYPE	LENS	CERTIFICATIONS
157101	36W/48W/60W	7500	4K/5K/6500K	120-277V	>80	8'	140°	Type B FA8 Double Ended Power	Frosted Lens	ETL
157102	36W/48W/60W	7500	4K/5K/6500K	120-277V	>80	8'	140°	Type B FA8 Double Ended Power	Clear Lens	ETL

8FT / Frosted & Clear Lens

Specifications

Parameter	Description	Value
General Performance	Adj Wattage	36W / 48W / 60W
	Max Lumens	7500
	Lumen Efficacy	Up to 125lm/W
	Color Temperature	4000K / 5000K / 6500K
	CRI (Ra)	>80
	Light Spread	140°
	Diffuser	Frosted & Clear Lens
Electrical	Input Voltage	120-277V
	Frequency	50/60Hz
	PF	≥0.9
	THD	≤25%
	Driver Model	DYD-T8F60-120480-N
	Driver Surge protection	4kV 12ohm
Physical	Dimming	No Dimming
	Operating Temperature	-20°C to 50°C
	Storage Temperature	-40°C to +75°C
	Operating Humidity	10%-90% RH
	Storage Humidity	5%-95% RH
	LED Brand	Jufei
	LED Type	SMD2835
	LED Qty	640 Pcs
Qualification	Construction	Aluminum & PC Housing
	Housing Color	White
	IP Rating	IP20
	Warranty	5 Years

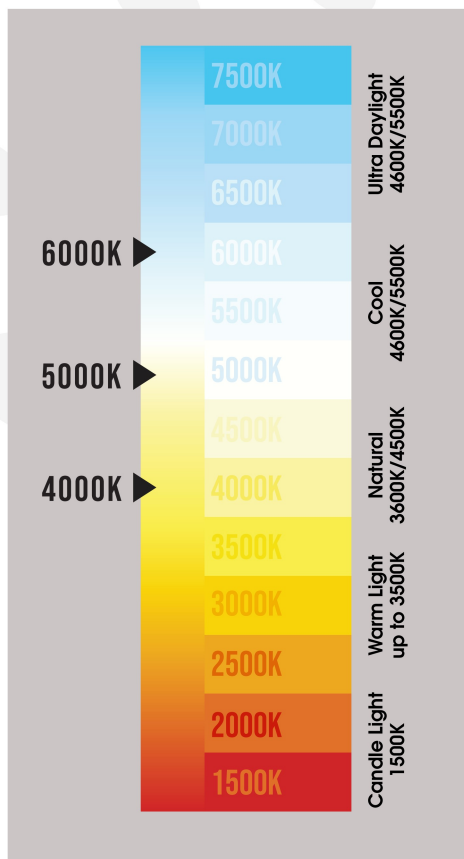
LED T8 TUBE



CONVEX™

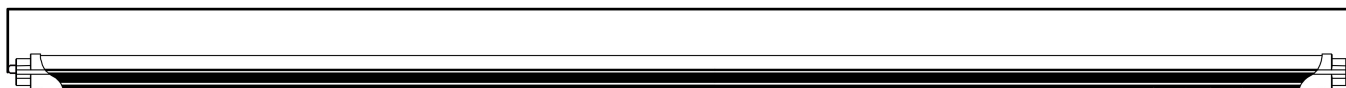
LED T8 Tube

Correlated Color Temperature (CCT)



Dimension

93.78"

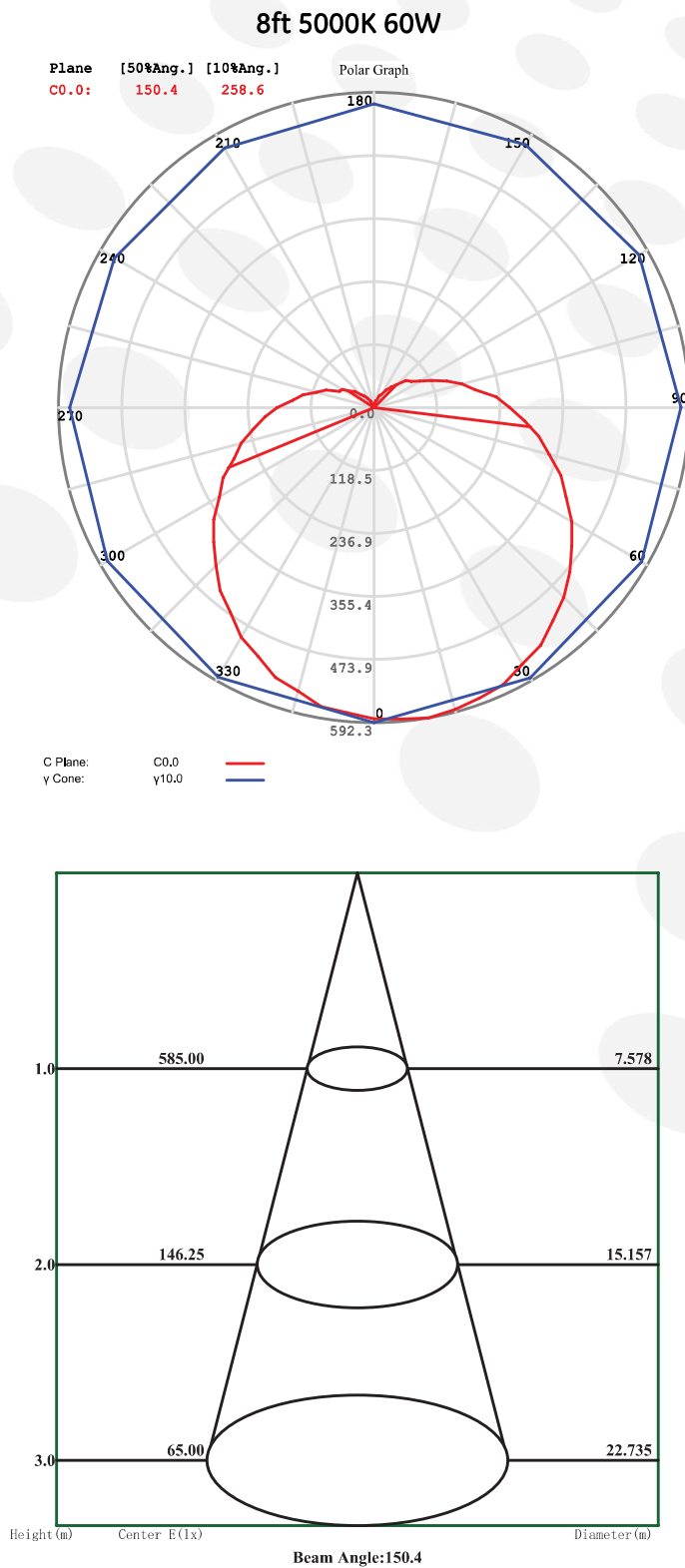


CONVEX™

LED T8 Tube



Photometric Data



LED T8 TUBE



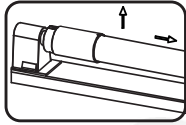
CONVEX™

LED T8 Tube

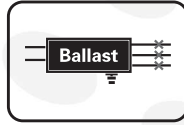
Installation



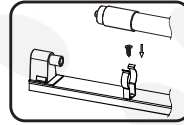
1 Turn off the power



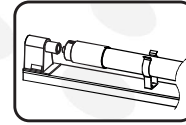
2 Remove the Fluorescent



3 Rewiring



4 Install the U-Clip



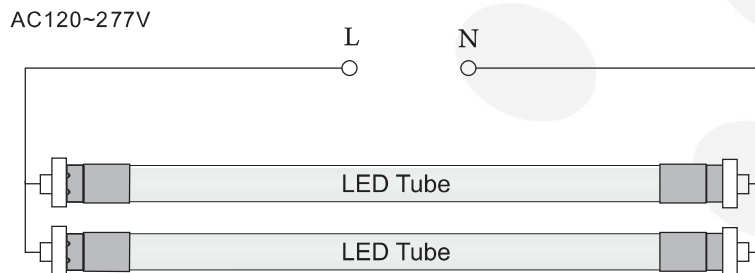
5 Install the LED Tube



6 Turn on the power

1. Turn off the power
2. Remove diffuser (If provided)
3. Remove the fluorescent tubes
4. Cut the wires as shown in the diagram
5. Make the new wire connect to branch circuit as shown
6. Replace the cover over the wiring channel
7. Install the U-Clip and LED Tubes, close the diffuser
8. Turn on the power

Wire Diagrams



⚠ WARNING

1. These LED Tubes should be installed by a licensed electrician.
2. These LED Tubes should be used indoors(damp or dry locations only).Not suitable for wet location.
3. Make sure tombstones/lampholder are still in good condition and not defected before installation.
4. Put LED tubes/FA8 /R17D pins into right position of the socket.
5. This device is not suitable for using with emergency exits.
6. These LED tubes are not suitable for enclosed fixture application, such as tri-proof or vapor tight fixtures.
7. Manufacturer is not liable for any damage to product or property due to improper installation.

Please refer to the above Installation Instructions for reference.

CONVEX™

LED T8 Tube



Packaging

SKU	Box Dimension	Size	Qty.	Net Weight	Gross Weight
157101	95.3" x 7.7" x 6.9"	8FT	20 Pcs/Box	19.22 LBS	22.5 LBS
157102	95.3" x 7.7" x 6.9"	8FT	20 Pcs/Box	19.22 LBS	22.5 LBS

Application Image



LED T8 TUBE



CONVEX™

LED T8 Tube

Application Image



Warranty

This product is covered under a 5-year warranty. For complete warranty details, [Click Here.](#)