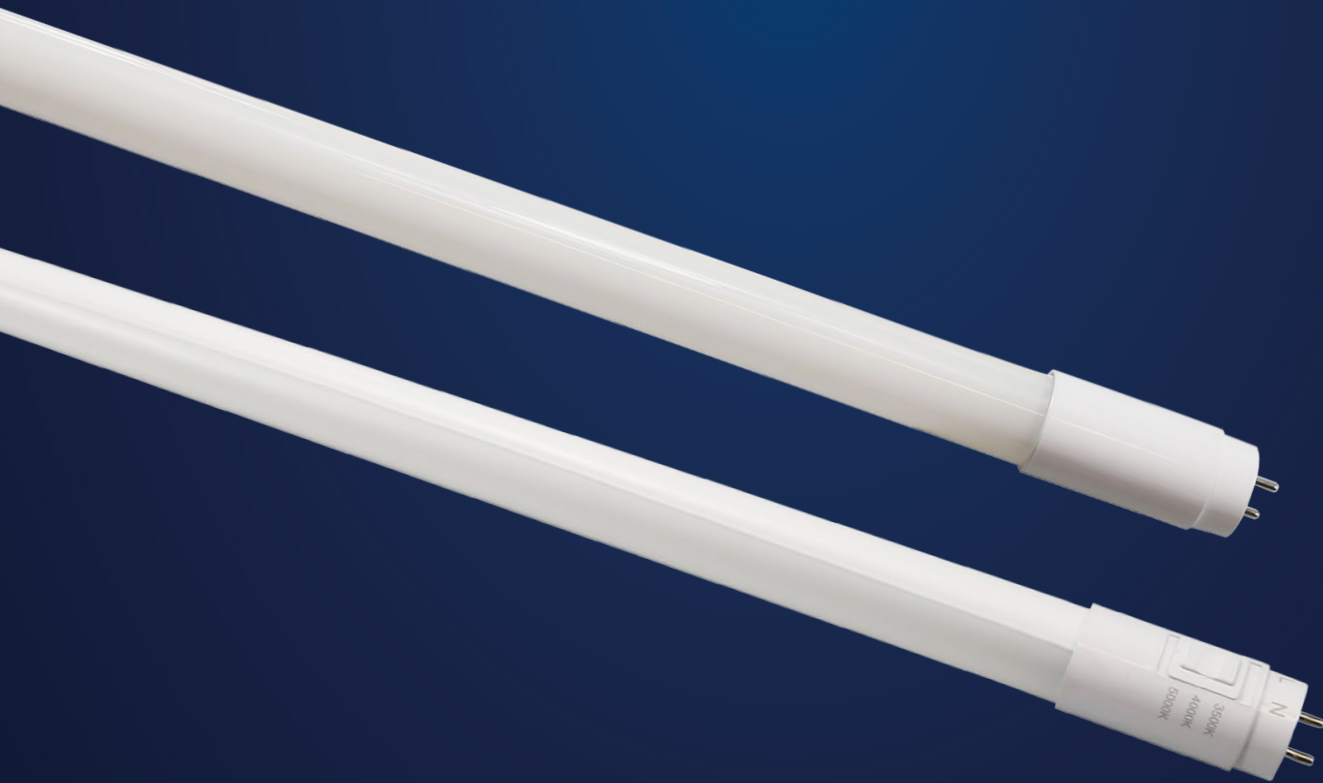




T8 TYPE A+B GLASS TUBE (CCT SELECTABLE TUBE SERIES)

- 3 CCTs in 1, Customizable Light Effects.
- Perfect ballast compatibility, most cost-effective solution.
- Thermal-fuse and dedicated leakage protect IC inside.



T8 LED Tube For Car Parks

LED Tube T8 High Output



Item Number	Wattage (W)	Length (ft)	CCT (Kelvin)	Mix Luminous flux (lm)	CRI (Ra)	Beam Angle (Degree)	Pack Qty (Pcs)	Dimming
LED18WT8/48/G/3550/AB	18	4	3500K-4000K-5000K	≥2200	>80	> 140°	25	1-10V
LED18WT8/48/G/4065/AB	18	4	4000K-5000K-6500K	≥2200	>80	> 140°	25	1-10V

* For technical information of other CCT, please contact our sales representative.
*Coordinate with customized 1-10V dimming driver to achieve dimming function.

Electrical and Photometric Characteristics



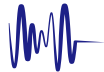
Base Type
G13



Nominal Voltage
120V-277V



IP Rating
IP20



Power Factor
>0.9



dimmable



CRI
>80



Starting Time
<1.0 s



Lumen Maintenance
50,000Hours



Operating Temp.
-20°C ~ +45°C

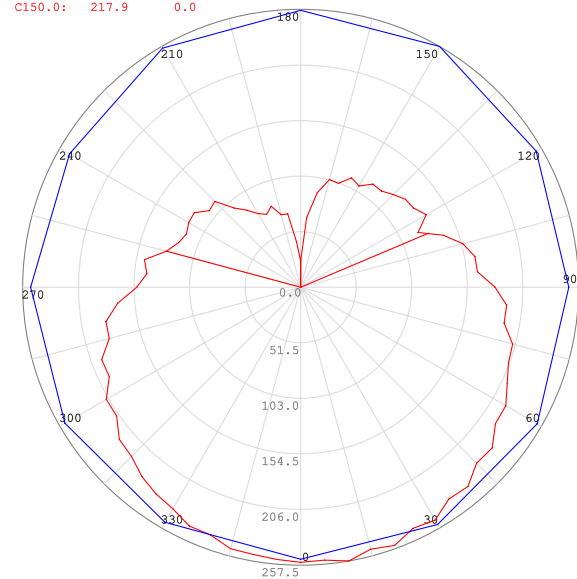
T8 LED Tube For Supermarket

Luminous Intensity Distribution Diagram

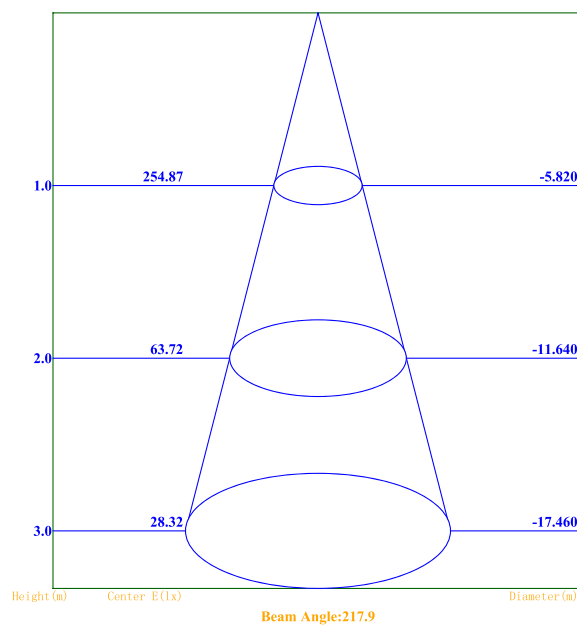
18W 4000K.IES

2D Light Intensity Distribution Curve

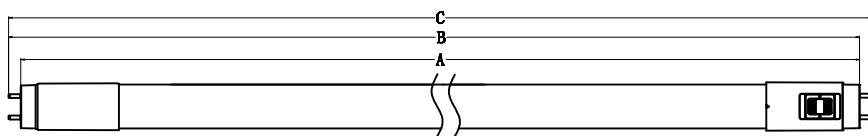
Plane [50%Ang.] [10%Ang.]
C150.0: 217.9 0.0



C Plane: C150.0
y Cone: y10.0



Dimension Diagram



Maximum overall length (mm)	2ft	4ft
A	589.8	1199.4
B	596.9	1206.5
C	604	1213.6



T8 LED Tube For Industry

Package

Package Dimension

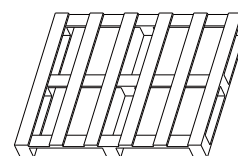
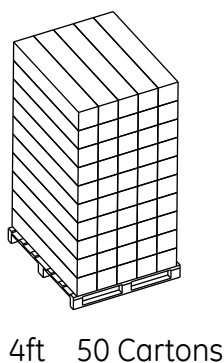
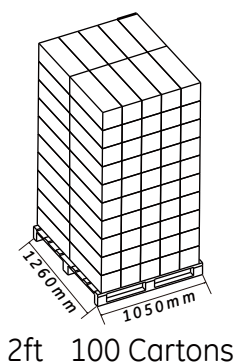
Size	Size of Carton LxWxH (mm/in)	Net Weight/Pcs	Gross Weight/Carton
2ft	660x 180x 198mm / 26"x 7.1"x 7.8"	0.13kg/0.28lbs	3.8kg/8.37lbs
4ft	1270x 180x 198mm / 50"x 7.1"x 7.8"	0.21kg/0.46lbs	6.3kg/13.89lbs

Package Information

Size	Qty/Carton	Qty/Pallet	Container				Container(with pallet)			
			20'GP	40'GP	40'HQ	45'HQ	20'GP	40'GP	40'HQ	45'HQ
2ft	25	≈ 2500	≈ 23325	≈ 52000	≈ 63875	≈ 79775	≈ 20000	≈ 45000	≈ 50000	≈ 55000
4ft	25	≈ 1250	≈ 11400	≈ 30000	≈ 36000	≈ 40300	≈ 10000	≈ 22500	≈ 30000	≈ 27500

* Note: The above full container load quantities are based on tube packages foam holders+outer carton.

Pallet Packing Information (* This data Based on the 40'GP)

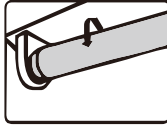


Installation Diagram

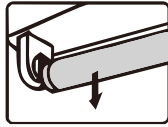
Installation Guide:



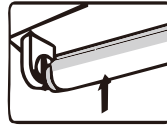
1. Turn Off The Power



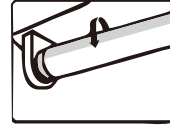
2. Fluorescent



3. Fluorescent



4. LED T8 Instant Fit



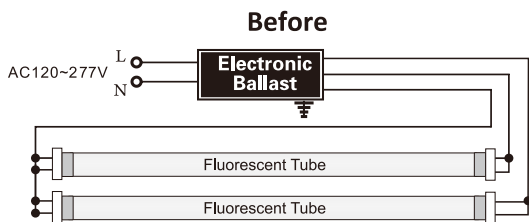
5. LED T8 Instant Fit



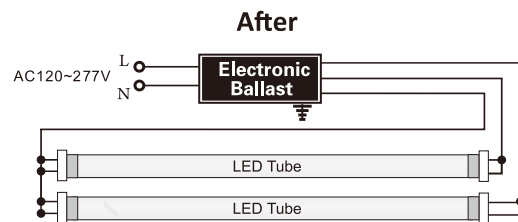
6. Turn On The Power

“Plug” and “Play” procedure

1. Turn off the power.
2. Remove diffuser(if provided).
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Select the appropriate CCT, then put led tube in the lightng fixture.
5. Install the led tubes, close the diffuser(if provided).
6. Turn on the power.



Before



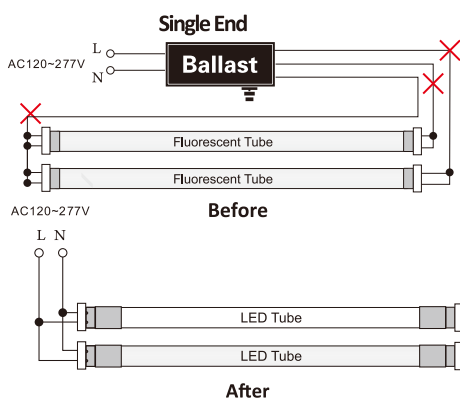
After

(UL Type A)

Retrofit Procedure

1. Turn off the power.
2. Remove diffuser(if provided).
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
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 led tubes, close the diffuser.
8. Turn on the power.

Wire Diagrams



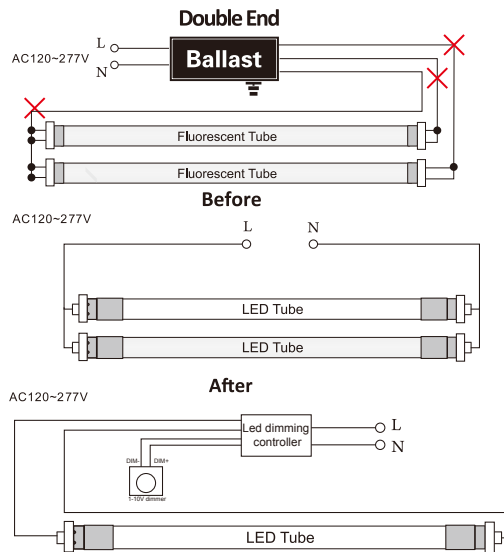
Single End

Ballast

Before

After

(UL TypeB)



Double End

Ballast

Before

After

Dimming Wire Diagrams

Installastion Diagram

CCT Selectable



CCT selectable
3500K-4000K-5000K or 4000K-5000K-6500K
PS: The defaults switch setting
is set to middle CCT on the fixture.

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. Ensure the brand and model no. of the ballast of replacement tube are in our compatible ballast list.
5. Make sure the ballast is working and still under warranty before installation.
6. Put LED tubes/G13 pins into right position of the socket, install properly.
7. This device is not suitable for using with emergency exits.
8. These led tubes can not match with phase-cut dimmer or 0/1-10V dimmer directly, please coordinate with customized 1-10V dimming driver to achieve dimming function.
9. Manufacturer is not liable for any damage to product or property due to improper installation. Please refer to the above Installation Instructions for reference.

Ballast List For T8 LED Tube

1.Our tubes can be compatible with the ballasts listed below,if you intend to install ballast compatible tube with ballasts not be listed below, risk of damage or losses may occur.We disclaim liability for any damage or losses by not following the instructions in this document.
2.We are testing more and more ballasts and will update this list all the time.If you do not see your ballast on the list,please contact us.

ACCUPRO	
1	AP-432IP-UNV
2	AP-332IP-UNV-M
ADVANCE	
1	IOPA-4P32-LW-N
ESPEN	
1	VE232MVHIPLE
2	VE232MVHIPE
3	VE432MVHIPE
4	VE432MVHIPLE
5	VE432120HIP
GE	
1	GE232MAX-L/Ultra
2	GE332MAX-N/Ultra
3	GE232MAX347-N
4	GE432MAX347-N
5	GE232-MVPS-N
6	GE332-MVPS-N
7	GE432-MVPS-N
8	GE432-120RESDIYB
9	GE-240-RS-MV-N
10	GE232-N-347
11	GE132MAX-H/ULTRA
Halco	
1	EP232IS/L/MV/HE
HOWARD INDUSTRIES	
1	EP3/32IS/MV/MC/HE
KEYSTONE	
1	KTEB-232RIS-1-TP-SL
2	KTEB-232RIS-1-TP-SL/Ga
OSRAM	
1	QHE 2x32T8/UNV ISN-SC
2	QHE 3x32T8/UNV ISN-SC
3	QHE 3x32T8/UNV PSN-SC

PHILIPS	
1	ICN-2P32-N
2	ICN-3P32-N
3	IOP-4P32-LW-N
4	IOPA-1P32-N
5	IOPA-4P32-N
6	IOPA-2P32-LW-N
7	IOP-3P32-N
SYLVANIA	
1	QHE 1x32T8/UNV ISN-SC
2	QHE 3x32T8/UNV ISL-SC
3	QTP 2x32T8/UNV ISN-SC
4	QT 4X32/120 LP
5	QT 2x32 T8/347 ISL-SC
6	QHE 4x32T8/347 ISN-SC
7	QHE 4x32T8/347 ISL-SC
TRIAD	
1	B232IUNVHP-N
2	B332IUNVHP-A
3	B432IUNVHP-A
4	B232IUNVHP-B
UNIVERSAL	
1	B332IUNVHE-A
2	B432IUNVHE-A
3	B232IUNVEL-N
4	B332IUNVEL-A
5	B232IUNVHEH-A
6	B332PUNVHE-A
7	B4321UNVEL-A
WORK HORSE	
1	WH3-120-C
2	WH3-120-L
Pacific Fluorescent	
1	EB-232IS-120-RES