



GLACIER™

LED T8 GLASS TUBE



Our new GLACIER T8 4FT Tube offers significant energy efficiency and lifetime improvements over fluorescent lamps. GLACIER is made of Frosted Glass lens which makes GLACIER the most durable 4FT tube of its kind. Our GLACIER lamps are installed by bypassing existing fluorescent ballasts and hard-wiring tombstone lamp-holders directly to incoming AC power leads. Dual-ended bypass lamps eliminate the need to replace shunted tombstone lamp-holders in existing fluorescent luminaires.

Product Features

- Up to 125 Lumens per Watt
- Available Frosted Lens / 4Ft
- CCT Adjustable 4000K / 5000K / 6500K
- Environmentally friendly
- Type A+B with G13 Base, Double Ended
- Power & requires ballast bypass.
- Frosted Glass Lens
- Input Voltage 120-277Vac / 50-60Hz
- ETL & DLC Listed
- 5 Year warranty

GLACIER™

LED T8 GLASS TUBE



SKU #	Model #	Watt	Lumens	CCT Adjustable	Base	Lens	Type	Length	Certifications
156996	DYU-T8GABBEEL 1218-T46-XX	18W	2250Lm	4000K/5000K/ 6500K	G13	Frosted Glass	A+B	4ft	ETL & DLC

SKU: 156996

Specifications

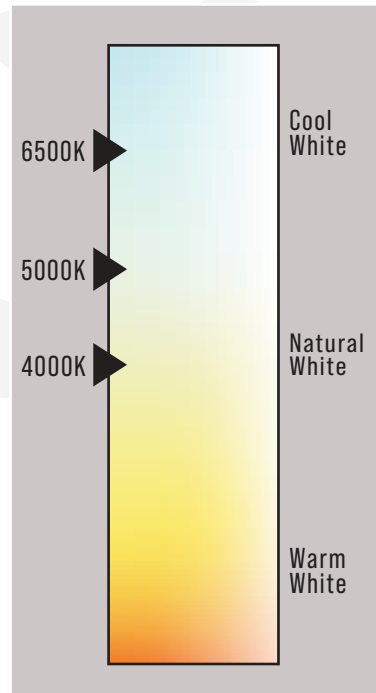
Parameter	Description	Value
General Performance	Model #	DYU-T8GABBEEL1218-T46-XX
	Wattage	18W
	Lumen	2250Lm
	Lumen Efficacy	Up to 125LM/W
	Color Temperature	4000K / 5000K / 6500K
	CRI (Ra)	>80
	Beam Angle	140° Degree
	Diffuser Type	Frosted
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	1-10V Dimmable
	Power Factor	>0.9
	THD	≤25%
Physical	Operating Temperature	-20°C ~ +45°C
	Operating Humidity	0~90%
	Storage Temperature	-20°C ~ +70°C
	Storage Humidity	0~90%
	LED Brand	Everfine
	LED Type	46 Pcs
	Housing Material	Glass
Qualification	Housing Color	White
	IP Rating	IP20
	Warranty	5 Year



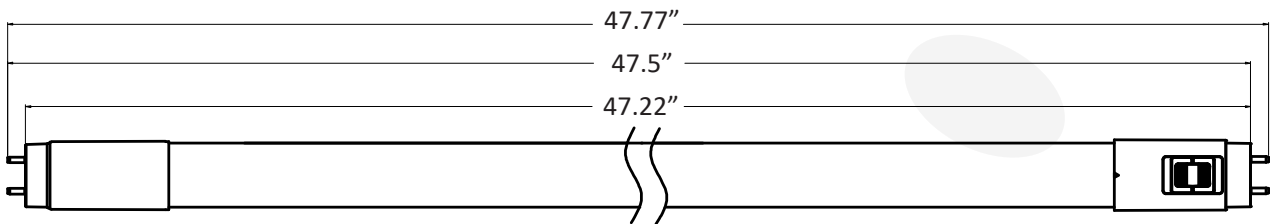
GLACIER™

LED T8 GLASS TUBE

Correlated Color Temperature (CCT)



Dimension



GLACIER™

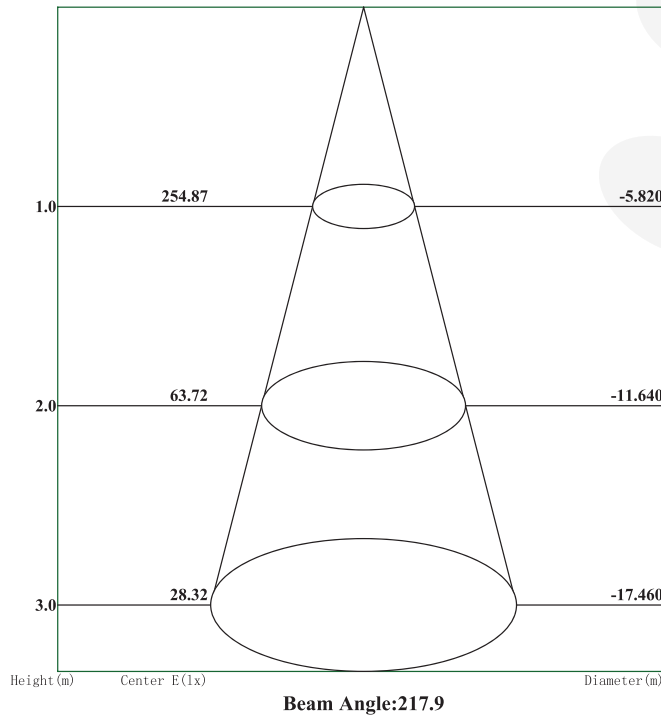
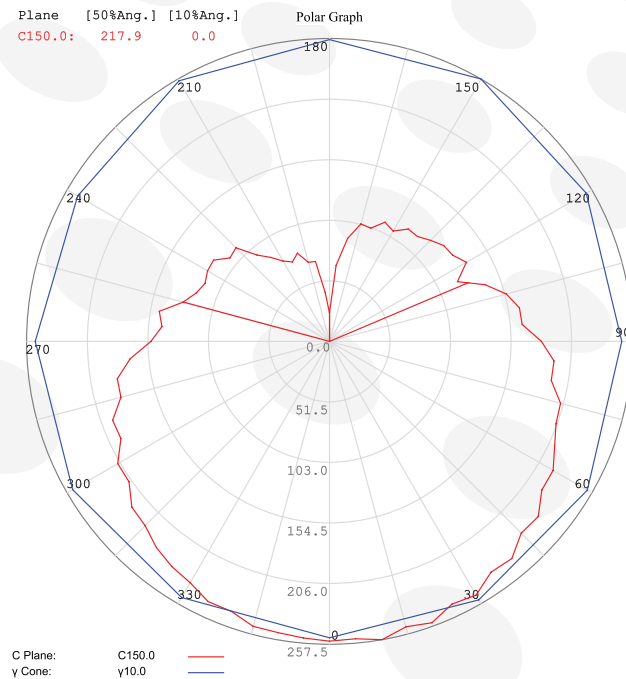
LED T8 GLASS TUBE



Luminous Intensity Distribution Diagram

18W / 6500K

2D Light Intensity Distribution Curve



LED T8 GLASS TUBE



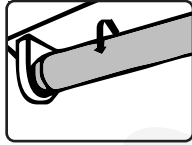
GLACIER™

LED T8 GLASS TUBE

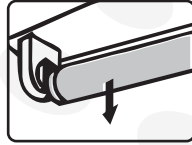
Installation



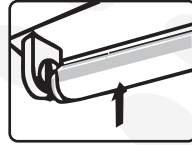
1. Turn Off The Power



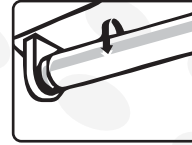
2. Fluorescent



3. Fluorescent



4. LED T8 Instant Fit



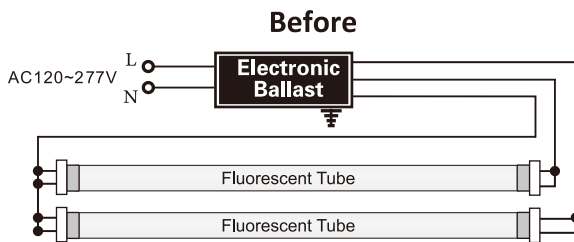
5. LED T8 Instant Fit



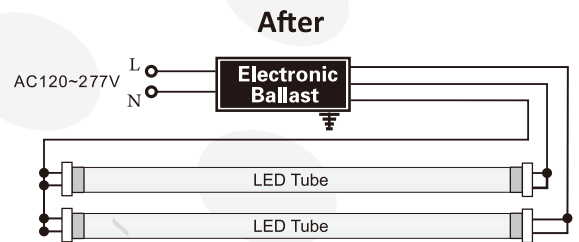
6. Turn On The Power

“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.



(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 chanel.
7. Install the led tubes, close the diffuser.
8. Turn on the power.

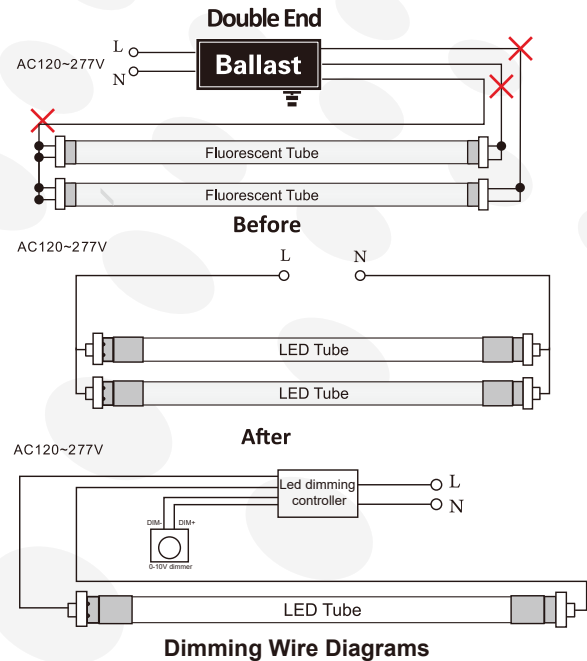
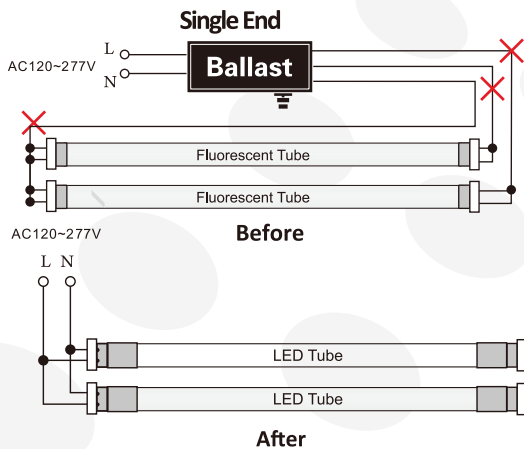
GLACIER™

LED T8 GLASS TUBE



Installation

Wire Diagrams



(UL TypeB)

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.



GLACIER™

LED T8 GLASS TUBE

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 ISL-SC
4	QTP 2x32T8/UNV ISN-SC
5	QT 4X32/120 LP
6	QT 2x32 T8/347 ISL-SC
7	QHE 4x32T8/347 ISN-SC
8	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

GLACIER™

LED T8 GLASS TUBE



Packaging

SKU #.	Box Type	Dimension (Inches)	Size	Qty	Net Weight	Gross Weight
156996	Outer Box	48.62 x 7.67 x 7.67	4Ft	25 Pcs	0.46 LBS	13.89 LBS

Application Picture



LED T8 GLASS TUBE



GLACIER™

LED T8 GLASS TUBE

Application Picture



Warranty

5 Year Warranty