EnVisionLED™

8FT T8 Glass Frosted
Type A+B (2 Piece)

The NEW EnVision LED T8 8FT Bulb can be installed with the existing ballast (see list) or double ended ballast bypass. Our revoluationary design features two four foot pieces that connect together making transportation easier and more cost efficient. EnVision has added a safety feature by using a protective shatterproof film on all of our tubes. Now available in 8ft, detachable into two 4ft fixtures, save money on shipping and space in storage.

Applications:

- Fluorescent Retrofitting
- New Construction
- Warehouse Lighting
- Commercial Lighting

Why pick the EnVision T8?:

- Average life (L70) of 50,000 hours with chips that are tested with LM-79 and LM-80 compliance.
- T8 Bulb is tested 120 hours before being boxed and shipped.
- Light beam spread replicates the same look as a fluorescent, but with improved light output and efficiency.
- 5 Year Warranty*

Product Information:

- Industry changing 2 piece 4ft design
- Quality components that pass UL 1993 current leakage
- Hybrid: Compatible Type A+B with or without ballast
- Pin Changeable: Includes single pin FA8 with optional R17D pin

L E D - T 8 - D F - 8 F T - 4 2 W - Color _ Accessories _ Warranty

1		Product	2	Wattage	3	Color	4		Accessories	5	Warranty
LED-T8-DF-8FT		8FT T8 Glass Frosted Type A+B (2 Piece)	42W	42W (5,500lm)	40K	4000K	(Blank)		FA8 Single Pin (Included)	(Blank)	5 Years (incl.)
					50K	5000K	R17D-EC		R17(D) End Cap Converter (Switchable end cap for 8'ft Tube)	10YR	10 Years

Specs and model numbers are subject to change with or without notice

EnVisionLED™

FEATURES

Easy for Stocking

Two piece design enables bulbs to come in a 4FT package

Leakage Protection

Passed UL1993 new standard with current leakage protection

Magnetic Clip

Magnetic clip that supports the middle of the bulb to eliminate bending

Pins

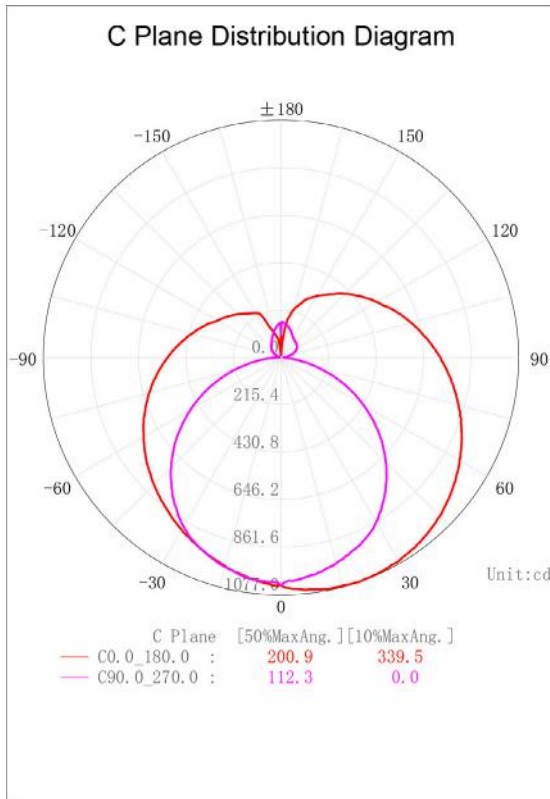Includes single pin FA8 R17D pin is optional and changeable

Type A+B

Works with existing ballast or bypass double sided connection

2 Piece Design

Easily put together the two 4ft pieces

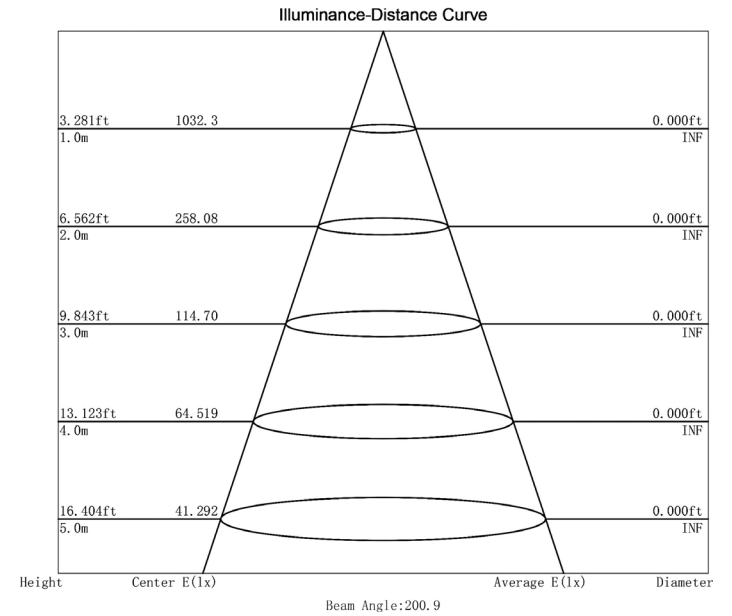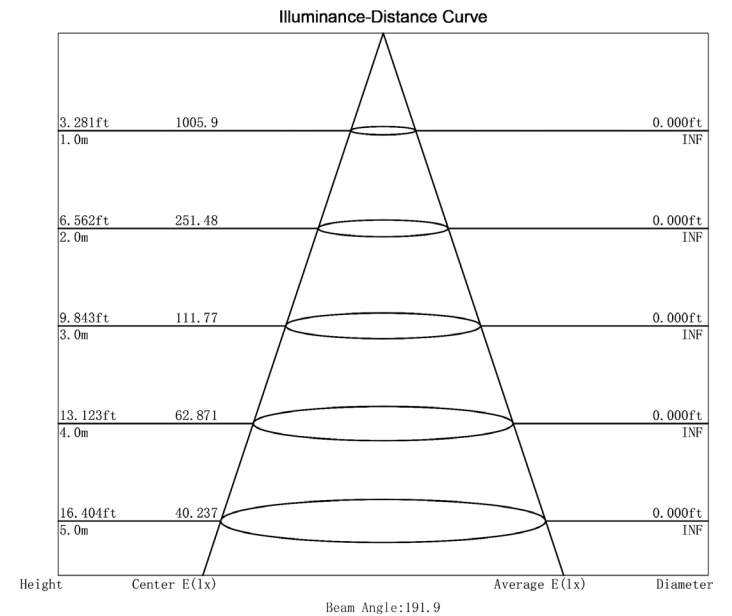## PHOTOMETRICS

C Plane Distribution Diagram

±180

-150   150

-120   120

-90   90

0.0

215.4

430.8

646.2

861.6

-60   60

-30   1077.0   30

0

Unit:cd

C Plane	[50%MaxAng.]	[10%MaxAng.]
— C0.0_180.0 :	200.9	339.5
— C90.0_270.0 :	112.3	0.0

40K

C Plane Distribution Diagram

±180

-150   150

-120   120

-90   90

0.0

203.8

407.6

611.5

815.3

-60   60

-30   1019.1   30

0

Unit:cd

C Plane	[50%MaxAng.]	[10%MaxAng.]
— C30.0_210.0 :	191.9	338.2
— C0.0_180.0 :	212.6	343.4
— C90.0_270.0 :	112.6	358.1

50K

Illuminance-Distance Curve

3.281ft 1.0m	1032.3	0.000ft INF
6.562ft 2.0m	258.08	0.000ft INF
9.843ft 3.0m	114.70	0.000ft INF
13.123ft 4.0m	64.519	0.000ft INF
16.404ft 5.0m	41.292	0.000ft INF

Height   Center E(lx)   Average E(lx)   Diameter

Beam Angle:200.9

40K

Illuminance-Distance Curve

3.281ft 1.0m	1005.9	0.000ft INF
6.562ft 2.0m	251.48	0.000ft INF
9.843ft 3.0m	111.77	0.000ft INF
13.123ft 4.0m	62.871	0.000ft INF
16.404ft 5.0m	40.237	0.000ft INF

Height   Center E(lx)   Average E(lx)   Diameter

Beam Angle:191.9
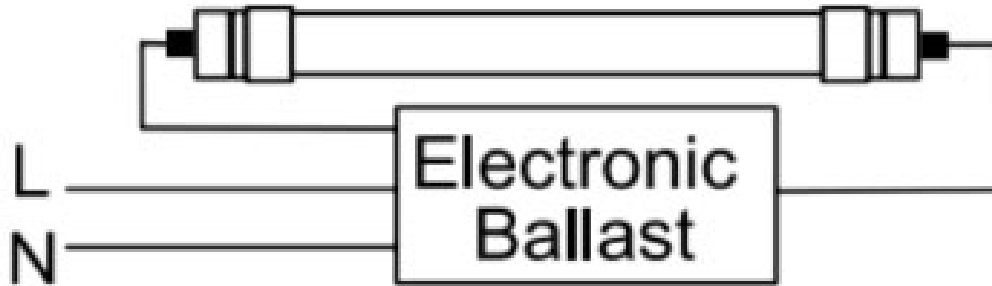
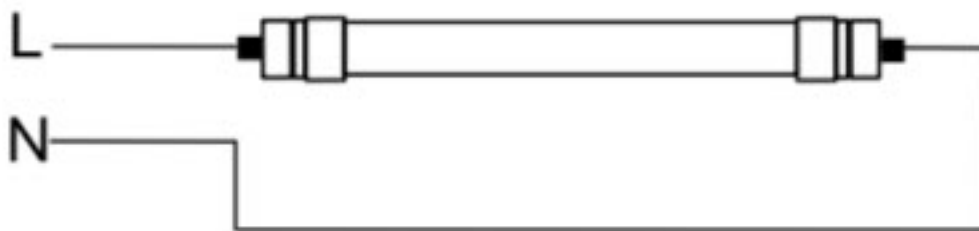**50K**

WIRING DIAGRAM

Type A (Ballast Compatible) Assembly introduction:

Type B (AC directly, double end ballast bypass) Assembly introduction:

Ballast Compatibility List

RISK OF FIRE: Check the ballast compatiblity list before installing this retrofit kit to the fixtures with electronic ballast. DO NOT install this kit to the fixture if the ballast is not on this list. In this instance, please bypass the ballast or confirm with the supplier

No. Ballast Brand	Model No.
GE	GE259MAX-G-N
GE	GE259MAX-G-N-DIYB
OSRAM SYLVANIA	QHE 2X59T8/UNV ISL-SC
OSRAM SYLVANIA	QTP 2X59T8/UNV ISL-SC