



T8 Type A+B LED Lamps

HIGHLIGHTS

- LED T8 Type A+B Dual Mode lamps easily replaces existing T8 fluorescent lamps in two ways: either by working with the existing fluorescent ballast (Type A) or bypassing the ballast and wiring directly to line voltage (Type B)
- Internal LED driver (when using the Type B installation method) means no need to replace a ballast resulting in long-term maintenance savings
- No socket changes when using shunted sockets for Type A applications
- For Type A installation, functions on most electronic T8 (instant & programmed) and battery backup ballasts
- Instantaneous full light output upon power-up
- Wide illumination angle provides 330° of light distribution
- Glass material for better light transmission on linear lamps
- Frosted glass lens reduces visual glare and provides optimal heat dissipation
- FC8 and FC12 replacements available in rugged plastic to reduce breakage

CERTIFICATIONS

- UL Listed for Damp Locations
- FCC Compliant
- RoHS Compliant
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

PERFORMANCE

- High efficacy: up to 150 lm/W
- Single CCT: 3500, 4000, 5000K
- FieldCCeT: 3000/3500/4000/5000/6500K
- CRI >82
- Rated lifetime L70: >50,000 hours @ 45°C

ELECTRICAL

- Input voltage (Type B installation): 120-277V, 50/60 Hz
- Built-in surge protection up to 1KV
- Power Factor: >0.9
- THD: <20%

THERMAL

- -4°F to 113°F (-20°C to 45°C) operating temperature*

CONSTRUCTION

- Linear: 2', 3', 4'
- U-Bend: 15/8", 6"
- Frosted glass lens
- G13 base

COMPATABILITY

- For a list of compatible ballasts, please visit eiko.com.

WARRANTY

- 5-Year limited warranty available online. Contact your EiKO sales rep for additional details.

*Not recommended for air-tight fixtures

KEY FEATURES

TYPE A+B FLEXIBILITY

Type A+B lamps provide a greater flexibility in installation methods: use an existing ballast or wire directly to line voltage

WIDE RANGE OF COMPATIBILITY

For Type A installation: these T8 A+B tubes are compatible with a wide range of ballasts (instant-start, programmed start, programmed dimmable, and emergency)

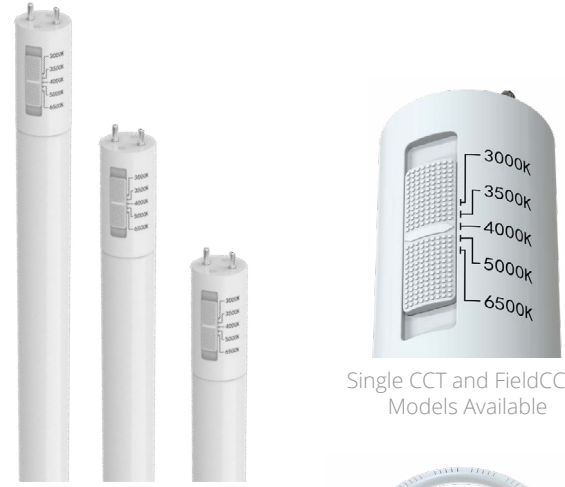
NO BALLAST REQUIRED

For Type B Installation: eliminate the ballast with a simple installation using shunted or non-shunted sockets for single or double-ended install

WIDER BEAM, MORE LIGHT

Wide illumination angle provides 330° of light distribution

project name	type
catalog number	voltage
approved by	date

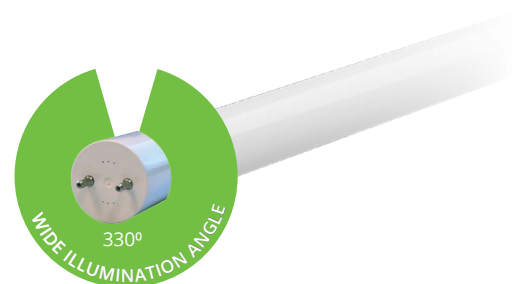


Single CCT and FieldCCeT Models Available

Available in 2', 3' and 4' lengths



T9 12" Circline



AVAILABLE MODELS

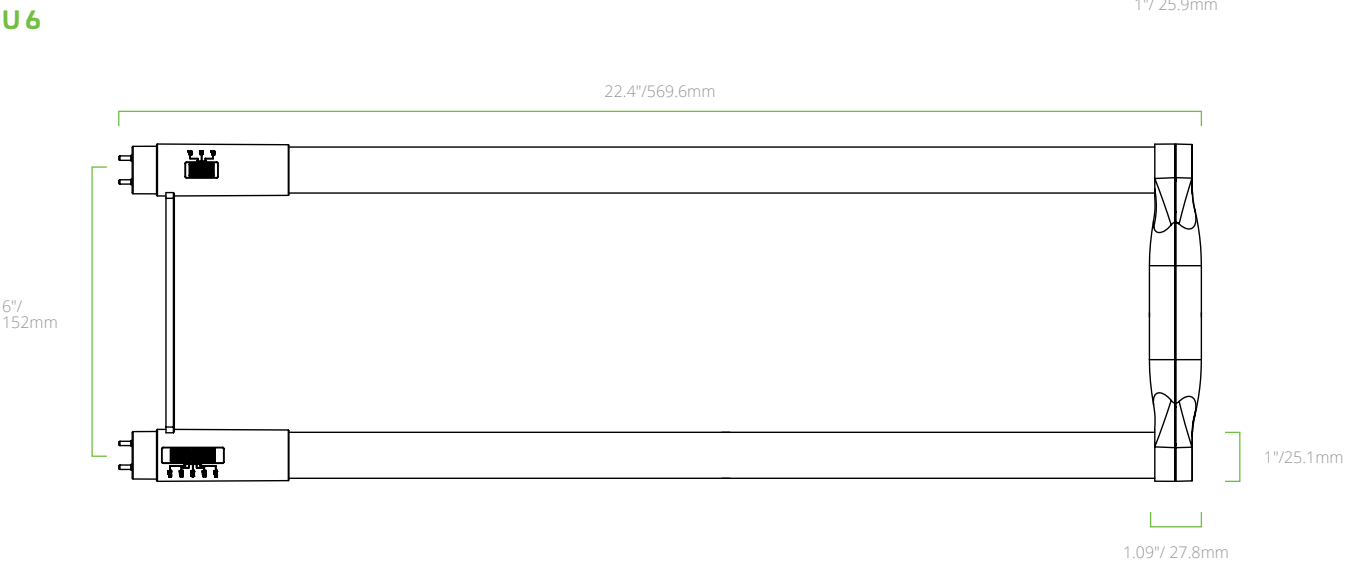
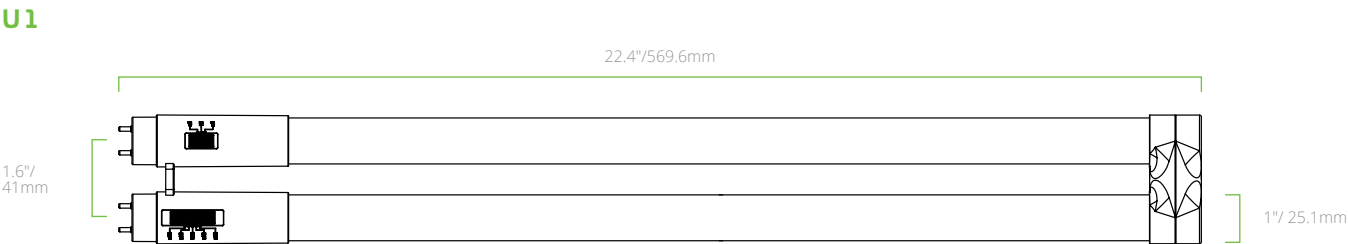
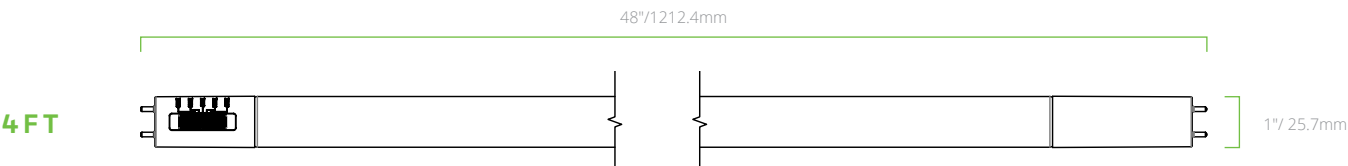
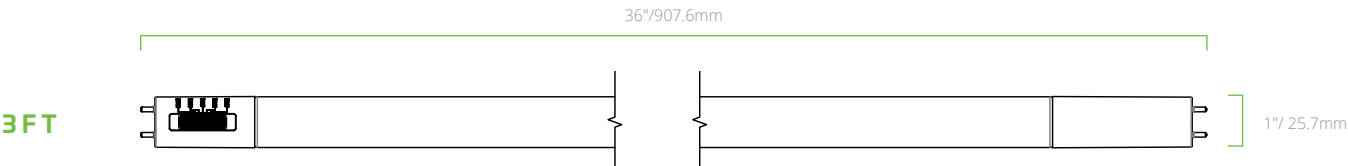
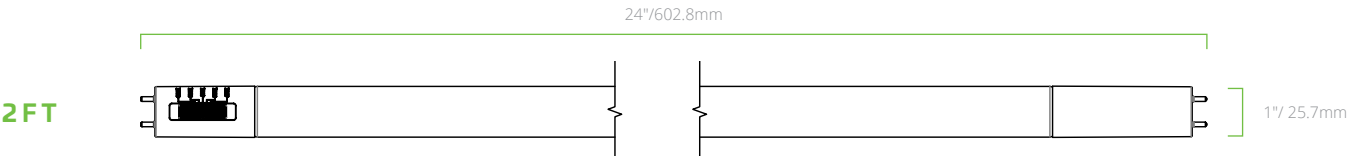
ORDER CODE	ITEM #	WATTS	LUMENS	CCT	EFFICACY (lm/W)	INPUT VOLTAGE	SINGLE + DOUBLE-ENDED	TRADITIONAL WATTAGE EQUIVALENT	DLC ID#
2' LENGTH									
15179	L8WT8/24/ABSDG/U/FCCT	8	1150	30/35/40/50/65	143	120-277	Single + Double-ended	17W Fluorescent	S-BTV845
3' LENGTH									
15181	L11WT8/36/ABSDG/U/FCCT	11	1650	30/35/40/50/65	150	120-277	Single + Double-ended	25W Fluorescent	S-SG4F73
4' LENGTH									
12943	L12WT8/48/ABSDG/835	12	1700	3500	141	120-277	Single + Double-ended	32W Fluorescent	PLJ5AKR1KTKW
12945	L12WT8/48/ABSDG/840	12	1800	4000	150	120-277	Single + Double-ended	32W Fluorescent	PL3B7YAJ1VRA
12934	L12WT8/48/ABSDG/850	12	1800	5000	150	120-277	Single + Double-ended	32W Fluorescent	PLKM6BKSFXP0
12929	L15WT8/48/ABSDG/835	15	2100	3500	140	120-277	Single + Double-ended	32W Fluorescent	S-0NOE9X
12953	L15WT8/48/ABSDG/840	15	2200	4000	146	120-277	Single + Double-ended	32W Fluorescent	S-IVX471
12952	L15WT8/48/ABSDG/850	15	2200	5000	146	120-277	Single + Double-ended	32W Fluorescent	S-PFHOM5
15183	L12WT8/48/ABSDG/U/FCCT	12	1800	30/35/40/50/65	150	120-277	Single + Double-ended	32W Fluorescent	S-PBQMVC
15185	L15WT8/48/ABSDG/U/FCCT	15	2200	30/35/40/50/65	147	120-277	Single + Double-ended	32W Fluorescent	S-0KLBKS
15581	L18WT8-48-ABSDG-840	18	2700	4000	150	120-277	Single + Double-ended	32W Fluorescent	S-C8R45B
15582	L18WT8-48-ABSDG-850	18	2700	5000	150	120-277	Single + Double-ended	32W Fluorescent	S-3Z1G9V
15583	L24WT8-48-ABSDG-840	24	3600	4000	150	120-277	Single + Double-ended	32W Fluorescent	S-6BLS0Q
15584	L24WT8-48-ABSDG-850	24	3600	5000	150	120-277	Single + Double-ended	32W Fluorescent	S-4DW0TG
U-BEND									
15187	LPS15T8/U1/ABSDG/U/FCCT	15/13/11.5	2200/2000/1800	30/35/40/50/65	147	120-277	Single + Double-ended	32W Fluorescent	S-PZ9RMX
15189	LPS15T8/U6/ABSDG/U/FCCT	15/13/11.5	2200/2000/1800	30/35/40/50/65	147	120-277	Single + Double-ended	32W Fluorescent	S-PZ9RMX
CIRCLINE									
15330	L11WT9/C8/ABP/FCCT/U	11	1400	35/40/50/65	127	120-277	N/A	22W Fluorescent	n/a
15343	L16WT9/C12/ABP/FCCT/U	16	2000	35/40/50/65	125	120-277	N/A	32W Fluorescent	n/a

COMPATIBLE EMERGENCY BATTERIES (FOR TYPE B INSTALLATION ONLY)

ORDER CODE	ITEM #	DESCRIPTION	INPUT VOLTAGE	EMERGENCY TIME	OUTPUT POWER	BACKUP LUMENS	RECHARGE TIME	TITLE 20
10361	EMB-CP-5WBT-U	External Emergency Battery, 5W	120-277	>90 mins	5W	700	24 hrs	Yes
11675	EEBE18WHA170S	External Emergency Battery, 18W	120-347	>90 mins	18W	Refer to lamp*	24 hrs	Yes

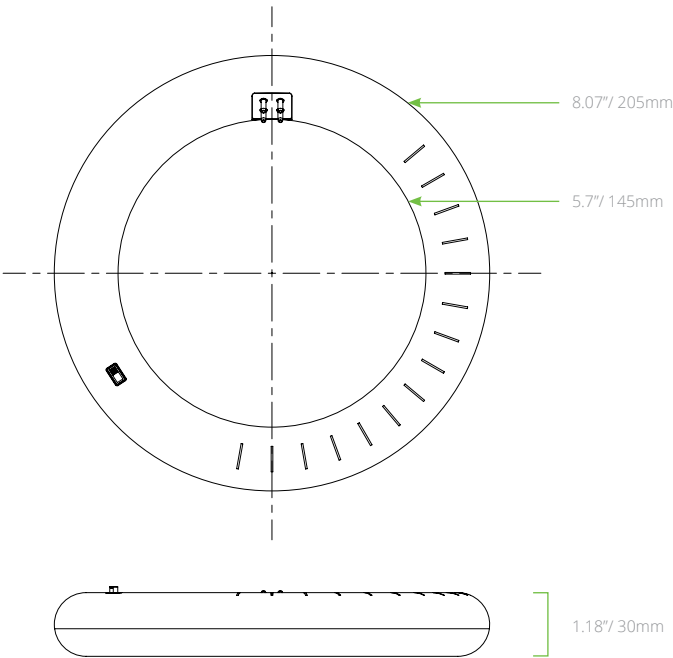
*Refer to the lamp's lumen output for the Backup Lumens

PRODUCT DIMENSIONS

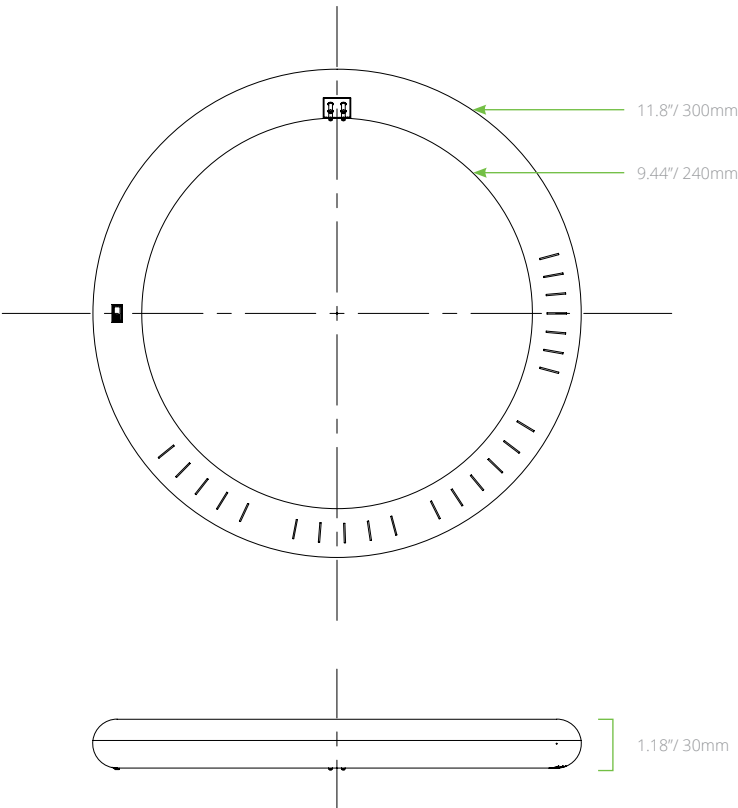


PRODUCT DIMENSIONS

T9 8" CIRCLINE



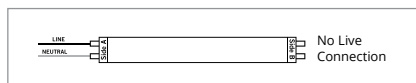
T9 12" CIRCLINE



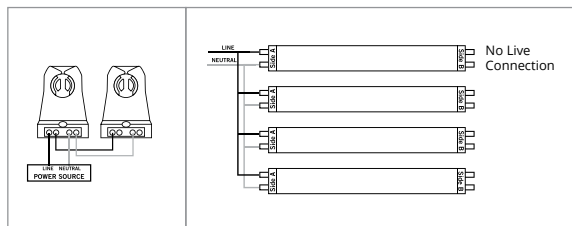
TYPE B WIRING DIAGRAMS

SINGLE-ENDED

Single Lamp Installation



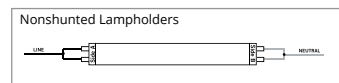
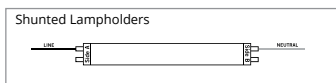
Multiple Lamp Installation



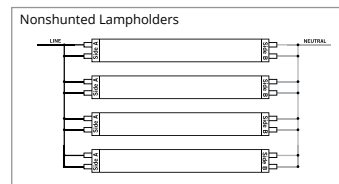
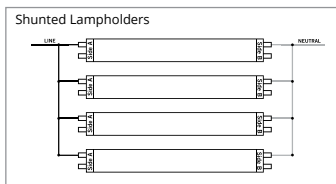
***Note: Both pins on each end of the lamp must be connected to line voltage as shown above. If lamp holder is a non-shunted type, it must be shunted (shorted) by external jumper.*

DOUBLE-ENDED**

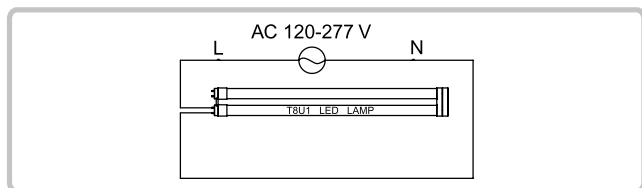
Single Lamp Installation



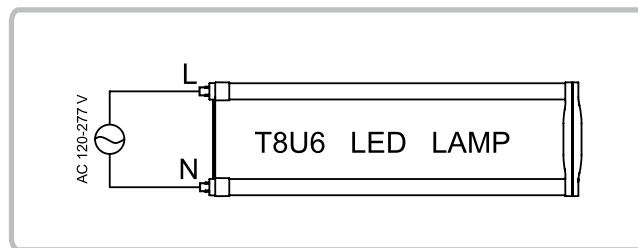
Multiple Lamp Installation



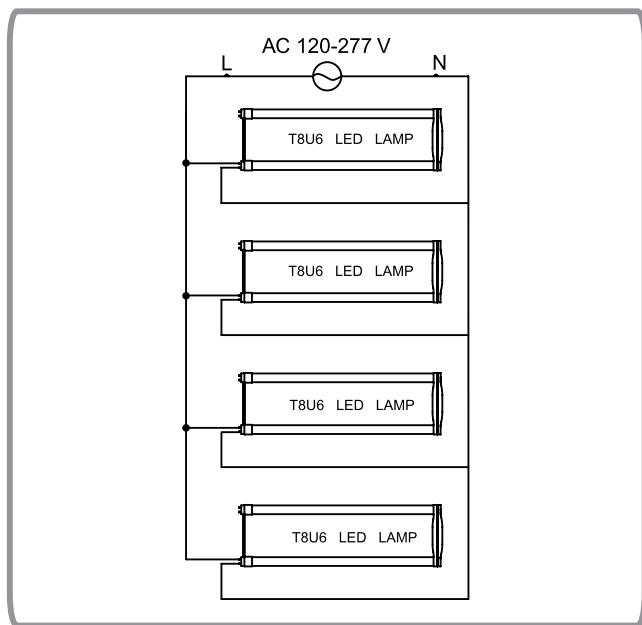
SINGLE-ENDED, SINGLE LAMP INSTALLATION



DOUBLE-ENDED, SINGLE LAMP INSTALLATION



SINGLE-ENDED, MULTIPLE LAMP INSTALLATION



DOUBLE-ENDED, MULTIPLE LAMP INSTALLATION

