T8 Type A+B LED Lamps

project name	type
catalog number	voltage
approved by	date

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 avaialble 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*



Available in 2', 3' and 4' lengths



Single CCT and FieldCCET Models Available



T9 12" Circline



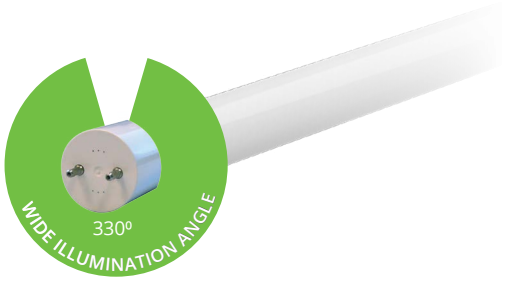
KEY FEATURES

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



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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)

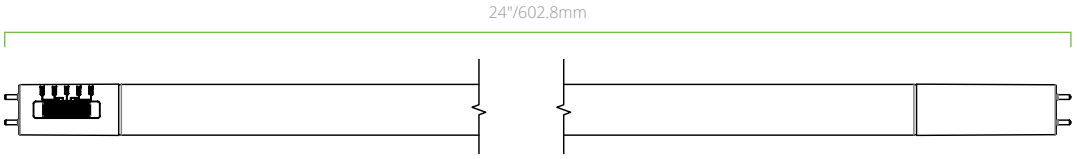
ORDER CODE	ITEM #	DESCRIPTION	INPUT VOLTAGE	EMERGENCY TIME	OUTPUT POWER	BACKUP LUMENS	RECHARGE TIME	TITLE 20
10361	EMB-CP-5WBT-U	External Emergency Battery, 5W	120-277	>90 mins	5W	700	24 hrs	Yes
11675	EEBE18WHA170S	External Emergency Battery, 18W	120-347	>90 mins	18W	Refer to lamp*	24 hrs	Yes

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

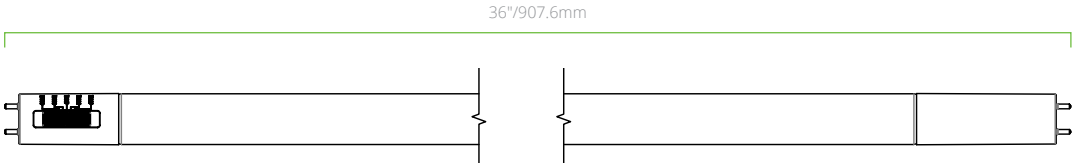
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PRODUCT DIMENSIONS

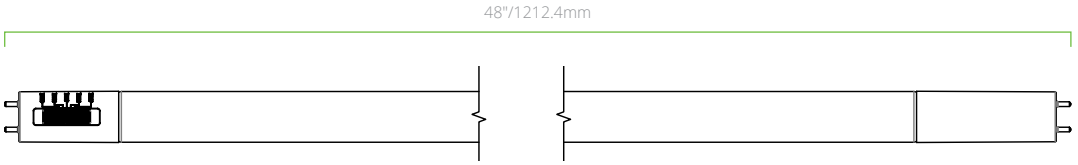
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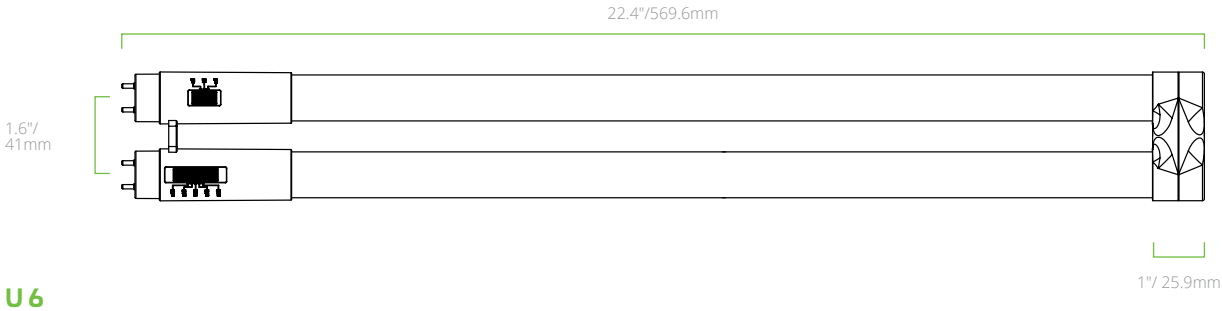
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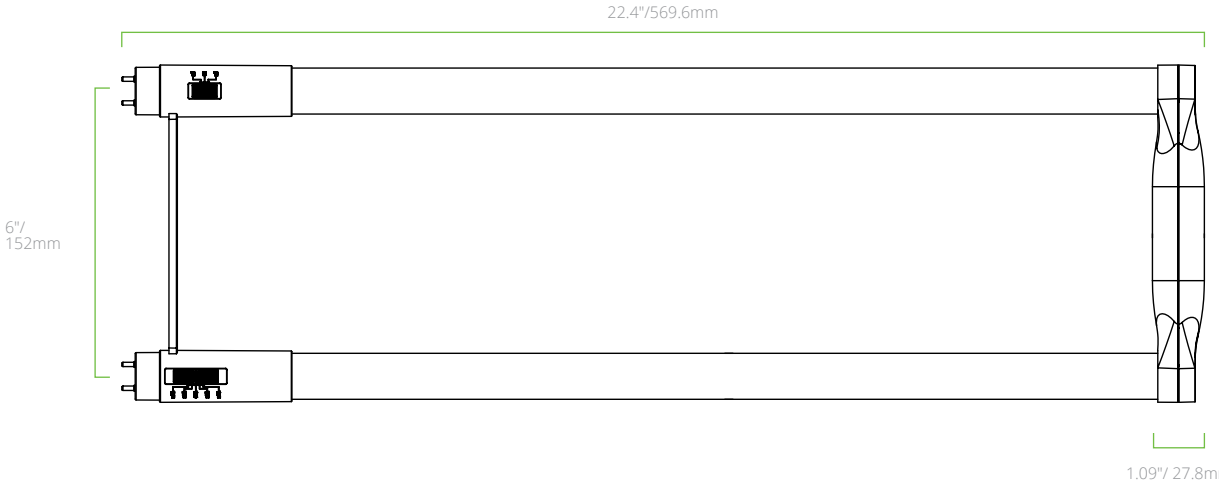
4FT



U1



U6



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