



Direct8™
LED

Liberat8™
LED



LED U-Bend T8 Tubes

Ballast Bypass / Ballast Compatible

Limitless Options
for the following applications:

TCP U-Bend T8 Tubes have Ballast Bypass type and Ballast Compatible type. Ballast bypass types operate independently of ballast, and ballast compatible types are compatible with most instant start ballasts.

- Offices
- Restaurants
- Retail Stores
- Lobbies
- Schools
- Hospitals

5 YEAR
WARRANTY



we know light.™



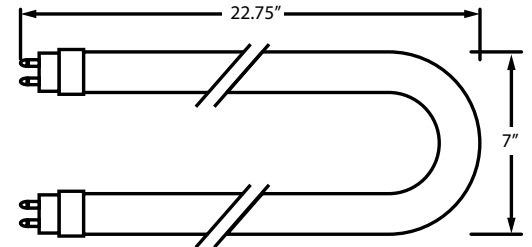
Features and Benefits

- >40% energy savings;
- Long 50,000 hour rated life— minimizes replacements and labor costs;
- Instant on/off;
- No mercury— great for all environments;
- Rated for enclosed fixtures;
- Damp location rated;
- G-13 Bi-pin contacts.

LED U-Bend T8 Tube
6 inch



Dimensions



Specifications

Item#	Model	TCP Model	Voltage	Actual Power Consumption	Lumens	CRI	Power Factor	Color Temp.	DIM/ND	Lens	Length	Width	Lifespan	Cert
TCP-10310	T80U04 (TypeB)	88LT800027	120-277V	15.5W	2100lm	>80	>0.9	4100K	ND	Half Alu. / Half Plastic	571.5mm	177.8mm	50,000 hrs	ETL/DLC
TCP-10311	T80U04 (TypeB)	88LT800028	120-277V	15.5W	2100lm	>80	>0.9	5000K	ND	Half Alu. / Half Plastic	571.5mm	177.8mm	50,000 hrs	ETL/DLC
TCP-10312	T80U07 (TypeA)	88LT800029	120-277V / 347V	15W	1700lm	>80	>0.9	4100K	ND	Half Alu. / Half Plastic	571.5mm	177.8mm	50,000 hrs	ETL
TCP-10313	T80U07 (TypeA)	88LT800030	120-277V / 347V	15W	1700lm	>80	>0.9	5000K	ND	Half Alu. / Half Plastic	571.5mm	177.8mm	50,000 hrs	ETL

Listing

- ETL / DLC Listed – damp location rated
- Approved for open and enclosed fixtures

Warranty

- Five years against defects in manufacturing



5 YEAR WARRANTY



**LED U-Bend T8
Type A Tubes
Ballast
Compatibility
Guide**

Manufacturer	Series	Model	Voltage
General Electric		GE132MAX-L/ULTRA	UNIV
		GE132MAXP-N/ULTRA	UNIV
		GE232MAX347-N	347
		GE232MAX-N/ULTRA	UNIV
		GE232MAX-G-N/ULTRA	UNIV
		GE232MAXP-H/ULTRA	UNIV
		GE332MAXP-H/ULTRA	UNIV
		GE332MAXP-N/ULTRA	UNIV
		GE332MAX-L/ULTRA	UNIV
		GE332MAX-G-N	UNIV
	GE432MAX347-N	347	
Osram	QHE	2x32T8/ISN-SC	UNIV
	QHE	2x32T8/ISN-SC	347
Philips	Advance	GOPA-2P32-SC	347
	Advance	GOPA-4P32-SC	347
	Advance	ICN-2P32-N	UNIV
	Advance	ICN-3P32-N	UNIV
	Advance	ICN-4P32-N	UNIV
	Advance	IOP-2P32-LW-N	UNIV
	Advance	IOP-3P32-N	UNIV
	Advance	IOPA-4P32-LW-N	UNIV
	Advance	IOPA-4P32-LW-SC	UNIV
Advance	IOPA-4P32-N	UNIV	
TCP		E2P32ISUNVE	UNIV
		E2P32ISUNVHE	UNIV
		E2P32ISUNVLE	UNIV
		E3P32ISUNVE	UNIV
		E3P32ISUNVHE	UNIV
		E3P32ISUNVLE	UNIV
		E4P32ISUNVE	UNIV
		E4P32ISUNVHE	UNIV
		E4P32ISUNVLE	UNIV
Universal Lighting Technologies	Triad	B132IUNVHP-N	UNIV
	Triad	B232IUNVHP-N	UNIV
	Triad	B332IUNVHP-A	UNIV
	Triad	B432IUNVHP-A	UNIV
	Triad	B232I347HP-A	347
	Triad	B432I347HP-000C	347
IOTA		I-320 IOTA EMERGENCY BALLAST	

TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market—that transforms your surroundings and envelopes you in warmth—lighting that generates beauty with every flip of the switch.

