



LED BAA T8

Assembled in USA

BAA Compliant



LED compatible replacement for linear fixtures for both Type A and Type B

Reasons to choose LED BAA T8 from TCP

- >50% Energy savings vs. 32w fluorescent
- Long life: 50,000 hours
- Assembled in USA. BAA Compliant
- Ballast compatible and bypass application constructions available
- Instant on/off
- Non-flickering
- Bypass construction: single/double ended
- Shunted or non-shunted sockets
- UL rated for enclosed fixtures and damp locations
- No energy losses due to fluorescent ballast
- Replaces 4' T8 Fluorescent lamps

Ideal Applications

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

Specifications:

Base Types.....G13
 Line Voltage..... 120-277V
 Minimum Starting Temperature Range:..... -22F / -30C
 Maximum Operating Temperature..... 113F / 45C
 Safety UL Classified and UL Component
 Environment..... Damp/Dry Locations

Enclosed..... Suitable for enclosed luminaires
 Rated Life..... L70 50,000+ hours
 Beam Angle 190°
 Field Angle 300°



Specifications:

Type A Plastic



G13 base

Listing



5 YEAR WARRANTY

Type B All Glass



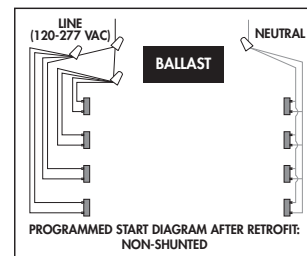
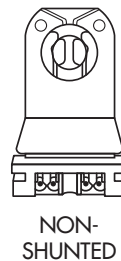
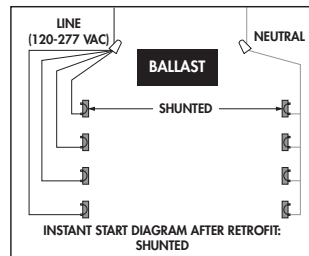
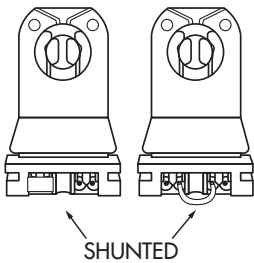
G13 base

Warranty

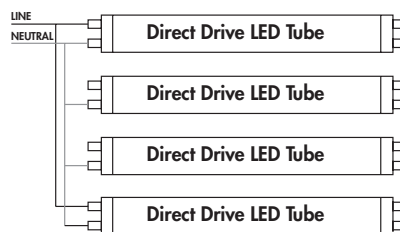
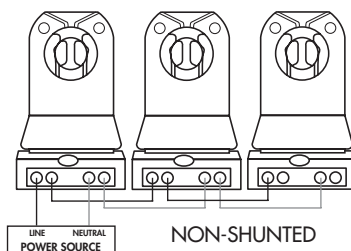
Five years against defects in manufacturing

Type B Wiring Diagrams:

Double Ended Wiring



Single Ended Wiring



Complete instructions tcp.com / Business Resources / Business Resource Center



LED BAA T8 Tubes

Item#	Description	NBF System Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Master Pack
LED TYPE A TUBES										
LED 15 WATT T8 TYPE A TUBE – 4 FOOT BAA COMPLIANT • 50,000 HOURS										
lPT815A41KUS	LED 15W 4' T8 2E BYPASS 41K BAA	15	120-277V	32W	1800	120	G13	4100K	80	25

See ballast compatibility list next page.
Call for availability.

LED TYPE B TUBES										
LED 10.5 WATT T8 TYPE B TUBE – 4 FOOT SINGLE/DOUBLE ENDED • BAA COMPLIANT • 50,000 HOURS DLC LOOK-UP# T8L-IDFH1A-1650-4FT-XBA-7T1										
LT810B241KUS	LED 10.5W 4' T8 2E BYPASS 41K BAA	10.5	120-277V	32W	1650	157	G13	4100K	80	25
LT810B250KUS	LED 10.5W 4' T8 2E BYPASS 50K BAA	10.5	120-277V	32W	1650	157	G13	5000K	80	25
LED 14 WATT T8 TYPE B TUBE – 4 FOOT SINGLE/DOUBLE ENDED • BAA COMPLIANT • 50,000 HOURS DLC LOOK-UP# T8L-IDFH11-1800-4FT-XBA-7T1										
LT814B241KUS	LED 14W 4' T8 2E BYPASS 41K BAA	14	120-277V	32W	1800	129	G13	4100K	80	25
LT814B250KUS	LED 14W 4' T8 2E BYPASS 50K BAA	14	120-277V	32W	1800	129	G13	5000K	80	25
LED 15 WATT T8 TYPE B TUBE – 4 FOOT SINGLE/DOUBLE ENDED • BAA COMPLIANT • 50,000 HOURS DLC LOOK-UP# T8L-IDFH13-2200-4FT-XBA-7T1										
LT815B241KUS	LED 15W 4' T8 2E BYPASS 41K BAA	15	120-277V	25W	2200	147	G13	4100K	80	25
LT815B250KUS	LED 15W 4' T8 2E BYPASS 50K BAA	15	120-277V	25W	2200	147	G13	5000K	80	25

¹X = C for 4100K, D for 5000K

Please allow 3-4 weeks lead time for delivery of product

For the most up-to-date specs and warranty information, please visit www.tcpi.com



Instant Start Ballasts Compatible with LED DirecT8™

Manufacturer	Model #	Voltage
ESPEN	VE2P32MVHIPE	UNV
	VE4P32MVHIPE	UNV
GE	GE132MAXL/ULTRA	UNV
	GE132MAXP-N/ULTRA	UNV
	GE232MAX347-N	347
	GE232MAXN/ULTRA	UNV
	GE232MAXG-N	UNV
	GE232MAXP-N/ULTRA	UNV
	GE232MAXH/ULTRA	UNV
	GE232MAXPH/ULTRA	UNV
	GE232MAXPL/ULTRA	UNV
	GE332MAXL/ULTRA	UNV
	GE332MAXN/ULTRA	UNV
	GE332MAXP-N/ULTRA	UNV
	GE332MAXG-N	UNV
	GE332MAXH/ULTRA	UNV
	GE432MAXPL/ULTRA	UNV
	GE432MAXG-N	UNV
	GE432MAXN/ULTRA	UNV
	GE432MAXH/ULTRA	UNV
GE432MAXPH/ULTRA	UNV	
Osram/Sylvania	QHE2X32T8/UNV ISN-SC	UNV
	QHE2X32T8/UNV ISL-SC	UNV
	QHE2X32T8/UNV ISH-SC	UNV
	QHE2X32T8/347 ISN-SC	347
	QHE4X32T8/UNV ISN-SC	UNV
	QHE4X32T8/UNV ISL-SC	UNV
	QHE4X32T8/UNV ISH-SC	UNV
	QHE4X32T8/UNV ISH	UNV
	QTP2X32T8/UNV ISN-SC	UNV
	QTP3X32T8/UNV ISN-SC	UNV
	QTP2X32T8/UNV ISL-SC	UNV
	QTP3X32T8/UNV ISL-SC	UNV
	QTP2X32T8/UNV ISH-SC	UNV
	QTP3X32T8/UNV ISH-SC	UNV
QTP4X32T8/UNV ISN-SC	UNV	
Philips/Advance	IOPA-2P32-LW-N	UNV
	IOPA-3P32-LW-N	UNV
	IOPA-4P32-LW-N	UNV
	IOPA-4P32-N	UNV
	IOPA-2P32-HL-N	UNV
	IOPA-3P32-HL-N	UNV
	IOPA-2P32-LW-SC	UNV
	IOPA-4P32-LW-SC	UNV
	IOP-2P32-LW-N	UNV
	IOP-3P32-LW-N	UNV
	IOP-4P32-LW-N	UNV
	IOP-3P32-N	UNV

Manufacturer	Model #	Voltage
Philips/Advance (cont.)	ICN-1P32-N	UNV
	ICN-2P32-N	UNV
	ICN-3P32-N	UNV
	ICN-2P32-SC	UNV
	ICN-4P32-N	UNV
	GOPA-2P32-SC	347
	GOPA-4P32-SC	347
	REL-2P32-SC	UNV
	REL-2P32-RH-TP	UNV
	VEL-2P32-SC	UNV
	VEL-4P32-SC	UNV
	IOP-3P32HL-90L-SC	UNV
	VOP-2P32-LW	277
	GEL-2P32-SC	347
	GEL-3P32-SC	347
	IOPA-3P32-N	UNV
	IOPA-2P32-N	UNV
	ICN-3P32-SC	UNV
	GEL-3P32-RH-TP	UNV
	GOPA-2P32-N	347
Standard	E432T8IS120/N/AS	UNV
	E232T8IS120/N/AS	UNV
	E432PI347G0/347	347
	E232T8IS347/H/90C	347
	E432T8IS347/H/90C	347
TCP	E2P32ISUNVE	UNV
	E2P32ISUNVHE	UNV
	E2P32ISUNVLE	UNV
	E3P32ISUNVE	UNV
	E3P32ISUNVHE	UNV
	E3P32ISUNVLE	UNV
	E4P32ISUNVE	UNV
	E4P32ISUNVHE	UNV
	E4P32ISUNVLE	UNV
	E2P32IS120RES	UNV
Universal	B132IUNVHP-N	UNV
	B232IUNVHP-N	UNV
	B232IUNVELA rev D	UNV
	B232I277RHA	277
	B232IUNVHP-N	UNV
	B332IUNVHPA	UNV
	B432I277RHA	277
	B432I120RHA	UNV
	B232I120RHA*	UNV
	B432I1UNVHPA	UNV
B23IUNVHP-N010C	UNV	
B232IUNVELA	UNV	
Keystone	KTEB-232-LV-IS-NP	UNV

*Requires 5 minutes of warm up time

Instant Start Ballasts Not Recommended for use with LED DirecT8 include:

Philips/Advance: IOP-3P32-LW-SC, IOP-2P32-LW-SC

Ballast compatibility tests are performed under a controlled lab environment. Field conditions may vary from this type of environment. Ballasts may differ by age and could have undergone revisions under the same item number affecting compatibility. Compatibility may also extend beyond this list. TCP recommends trying a few ballast-lamp combinations in an on-site test to ensure compatibility and performance before a major installation.

For the most up-to-date specs and warranty information, please visit www.tcp.com