



G13 Bi-Pin



FA8 Single-Pin



R17D

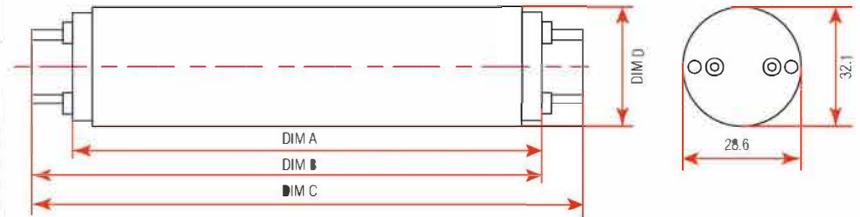
## Type B T8 Tubes

### PACKING INFO

MODEL	UNIT WEIGHT(KGS)	PCS/CTN	G.W.(KGS)	SIZE(MM)
2FT	0.4	25	9	850*220*220
3FT	0.56	25	12	950*220*220
4FT	0.68	25	16	1270*240*240
8FT	1.44	15	19	245*225*155

### DIMENSION

MODEL	DIMA(MM)	DIMB(MM)	DIMC(MM)	DIMD(MAX)
2FT	588(23.14 inch)	595.5(23.44 inch)	603(23.74 inch)	32
3FT	893(35.15 inch)	900.5(35.45 inch)	908(35.74 inch)	32
4FT	1198(47.16 inch)	1205.5(47.46 inch)	1213(47.75 inch)	32
8FT	2372(93.38 inch)	2379.5(93.68 inch)	2387(93.62 inch)	32



### ORDERING INFO

MODEL	SIZE	INPUT WATT	LEDS	EFFICACY	DELIVERED LUMENS	BEAM ANGLE	CERTIFICATION
HC-T8-2FT-10W-ID	2FT	10W	SMD2835	120lumen/w	1200lumens	120°	cETLus DLC
HC-T8-3FT-14W-ID	3FT	14W	SMD2835	120lumen/w	1680lumens	120°	cETLus DLC
HC-T8C-4FT-16W-ID	4FT	16W	SMD2835	120lumen/w	1920lumens	120°	cETLus DLC
HC-T8-4FT-18W-ID	4FT	18W	SMD2835	120lumen/w	2160lumens	120°	cETLus DLC
HC-T8-4FT-13W-ID	4FT	13W	SMD2835	130lumen/w	1690lumens	120°	cETLus DLC
HC-T8-4FT-22W-ID	4FT	22W	SMD2835	120lumen/w	2640lumens	120°	cETLus DLC
HC-T8-8FT-36W-ID	8FT	36W	SMD2835	120lumen/w	4320lumens	120°	cETLus
HC-T8-8FT-44W-ID	8FT	44W	SMD2835	120lumen/w	5280lumens	120°	cETLus



Catalog Number

Notes

Type

SEPICN Type B LED Tubes is designed to replace T8/T12 fluorescent tube lights to significantly lower energy and maintenance costs while enhancing the quality of light in work environments and living spaces. Ideal for recessed troffers, wrap fixtures, under cabinet fixtures, sealed fixtures, deep cell troffers, and stripop fixtures. SEPICN Type B LED Tubes, the ballasts are removed from the fixture or bypassed, and the sockets are wired directly to the line voltage. With single-end wired Type B tubes, one socket end has the line voltage and the other end is there to hold the lamp in place. Many fluorescent fixtures have shunted sockets, so often times you will need to replace the line voltage socket to a non-shunted socket with single-ended tubes.

### CONSTRUCTION & MATERIALS

Lightweight Aluminum heat sink housing provides strength and Durability.  
Shatterproof Design.  
Suitable for use with non-shunted sockets.

### COMPLIANCE

SEPICN T8 Tubes are cETLus listed for damp locations -20°C - 55°C ambient environments.  
LED modules comply with IESNA LM-79 and LM-80 standards.  
DesignLights Consortium™ Qualified and classified for DLC Standard (some models are not DLC qualified), refer to [www.designlights.org](http://www.designlights.org) for details.

### OPTIONS

Type B has the most options in terms of bulb length (2' / 4' / 8' ) and assortment of wattage/lumen packages, specifically for the 4' options.

### ELECTRICAL SYSTEM

Input Voltage:100-277V AC,50/60HZ.  
Power Factor:>0.95  
Power Efficiency:>88%

### NO POWER LOSS

Unlike Type A bulbs, these LEDs are more efficient, since no power is wasted in the ballast.

### LESS LONG TERM MAINTENANCE COSTS

By eliminating the ballast you have one less part to maintain in the future.

### ELECTRICAL MODIFICATIONS ARE REQUIRED

Modifications include removing the ballasts, replacing the sockets (possibly), and connecting fixture input wires to the sockets. Strict safety measures are necessary as installers could be exposed to main voltage while connecting sockets to power wires.

**▶ INSTALLATION INSTRUCTIONS**

**WARNING**

**WARNING :** Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

**WARNING :** Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**WARNING :** To prevent wire abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**WARNING :** To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lampholders.

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**WARNING :** This fixture must be grounded and installed in accordance with local and national electrical codes, by a person familiar with the construction and operation of the product and the hazards involved.

**▶ FIXTURE RETROFIT INSTRUCTIONS**

**WARNING :** To avoid shock or fire hazard, turn off power to the fixture at the appropriate breaker or fuse panel.

**STEP 1 :** Verify the voltage rating of the lamp (120-277VAC) matches the voltage of the fixture circuit.

**STEP 2 :** Remove old fluorescent lamps and remove the ballast cover.

**STEP 3 :** Cut all wires attached to the ballast(s) as close to the ballast(s) as possible. Leave the ballast(s) in place.

**Note :** SEPICN lamps are powered from a single-end (designated with the product label or markings) and require the use of non-shunted lampholders.

If the lampholders are shunted, replace them with the non-shunted lampholders supplied with the lamp(s). See "Shunted Lampholder Replacement" below.

**STEP 4 :** Connect one wire from each lampholder at one end of the fixture to line and separately connect the other wire to neutral. At the opposite end of the fixture, cut all wires from the lampholders.

**Note :** Ensure the fixture is and remains grounded after the retrofit process.

**STEP 5 :** Reinstall any removed wiring covers and ballast covers.

**STEP 6 :** Affix the included fixture-modification label to the newly retrofitted fixture. To indicate which end is powered, place the label on the ballast cover nearest the powered end.

**STEP 7 :** Install the new TOGGLED lamp(s). Be sure to install the lamp in the proper orientation (the end with the product labels/markings should be connected to the AC wired lampholders).

**▶ SHUNTED LAMPHOLDER REPLACEMENT**

**STEP 1 :** Remove any brackets or covers holding the shunted lampholders in place.

**STEP 2 :** Cut any wires attached to the shunted lampholders. Be careful to cut the wires as close to the shunted lampholders as possible. You will need to reuse this wire.

**STEP 3 :** Strip wires according to the strip gauge on the new lampholders. If a gauge is not available, strip wires 3/8" [9.5mm].

**STEP 4 :** Insert 1 wire on each side of each lampholder as indicated below.

**STEP 5 :** Reinstall the lampholders and any removed covers or brackets.



**▶ NOTE**

- Shunted lampholders are found only in fluorescent luminaires with Instant-Start ballasts. Instant-Start ballasts can be identified by the words "Instant Start" or "I.S." marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself or may be combined with the marking for the lamps with which the ballast is intended to be used, for example F40T12/IS. For more information, contact HOCAN GROUP CO., LTD
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.
- This device is not intended for use with emergency exits.
- This device is not intended for use with dimmers.

**▶ TYPE B T8 TUBES INSTALLATION FOR BELOW MODELS**

- HC-T8-2FT-10W-ID
- HC-T8-3FT-14W-ID
- HC-T8C-4FT-16W-ID
- HC-T8-4FT-18W-ID
- HC-T8-4FT-13W-ID
- HC-T8-4FT-22W-ID
- HC-T8-8FT-36W-ID
- HC-T8-8FT-44W-ID

