

TLEDB

Applications

The HARRIS TLEDB is an ideal LED replacement for linear T8 fluorescent lamps in existing fixtures for industrial and commercial applications. Delivers equal or better light levels compared to fluorescent lights in linear T8 troffers for office, hospital and retail settings. Type B T8 Lamp comes with an internal driver. Fixture sockets can be connected directly to power, bypassing fluorescent ballast eliminating the need to maintain or replace the ballast.



Product Shown: TLEDBA1UNV840INTFRQ

Features

- Directly replaces most 32w/30w/28w/25w T8 lamps
- Type B T8 LED lamps are more energy efficient, providing more lumens per watt than fluorescent T8 lamps
- Type B T8 LED Lamps are self-ballasted
- Instant on - no flickering
- Glass lamps allow for wider beam spread with uniform illumination and more uplighting
- Frosted lamps in Protected Encased Coating- NSF2 Compliant available

Electrical

- Available in 120v-277v

Ambient Operating Range

See ambient operating table on page 2

Fixture Certification & Listings

- UL/cUL Listed for Damp Locations
- NSF Certified lamps
- LED T8 lamps are DLC listed Standard (please use part number provided in note under ordering information table)

Rated Life

50,000 hours L70

Warranty

Orion HARRIS class LED lamps are covered by a five-year OEM supplier limited warranty.



Performance Information²

Series	Nominal Lumen Code	Actual Lumens	Input Voltage	Wattage	LPW	CCT	CRI	Input Current	Power Factor
TLEDB	A1	1,800lm	120v-277v	14w	129	4000K	≥80	0.12A	>.90
TLEDB	B1	2,200lm	120v-277v	17w	129	4000K	≥80	0.14A	>.90

Ambient Operating Temperatures

Nominal Lumen Code	Standard Range
A1	-20°C to 40°C [-4°F to 104°F]
B1	-20°C to 40°C [-4°F to 104°F]

Physical Information

Length	Diameter	Weight
48.00"	1.00"	<1.00lb.

Ordering Information Example (NOTE: No dashes or spaces unless noted below)

Series	Nominal Lumen Code	Voltage	CRI; Color Temp	Driver Type	Lens Options	Packaging Options
TLEDB	A1	UNV	840	INT	FR	CQ

Ordering Information

Series	Nominal Lumen Code ¹	Voltage	CRI; Color Temp	Driver Type	Lens Options	Packaging Options
TLEDB= HARRIS LED UL Type B T8 Glass Lamp	A1= 1800lm per TLED* B1= 2200lm per TLED**	UNV= 120v-277v	830= 80CRI; 3000K 835= 80CRI; 3500K 840= 80CRI; 4000K 850= 80CRI; 5000K	INT= Internal Driver Rewire	FR= Frosted Lamps PET= Frosted lamps in Protected Encased Coating- NSF2 Compliant	CQ= Case Quantities Only ³

NOTE: For LED lamp rebate availability:

*UL Type B model number listed on DLC website: T8L-IDFH11-1800-4ft-XBA-xx, for NSF shatter resistant lamps model number: T8L-IDFH11-1800-4ft-XCA-xx

**UL Type B model number listed on DLC website: T8L-IDFH11-2200-4ft-XBA-xx, for NSF shatter resistant lamps model number: T8L-IDFH11-2200-4ft-XCA-xx

X varies based on color temperature [A=3000K, B=3500K, C=4000K, E=5000K]

xx varies based on production release

Additional Specification Information

¹ For actual lumens, see performance table

² Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values

³ Case quantity is equivalent to 25 lamps per case