

TLEDA

Applications

The HARRIS TLEDA 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 fixtures in office, hospital and retail settings. The HARRIS TLEDA uses up to 64% less watts than traditional fluorescent linear T8 lamps for notable energy savings. LED T8 lamps function with existing fluorescent ballast.



Product Shown: TLEDA1UNV850CFBFRQ

Features

- Directly replaces most 32w/30w/28w/25w T8 lamps
- 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
- UL Type A T8 LED Lamp Non-dimming

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
TLEDA	A1	1,800lm	120v-277v	12w	157	4000K	≥80	0.12A	>.90
TLEDA	B1	2,200lm	120v-277v	15w	147	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
TLEDA	A1	UNV	CFB	840	FR	CQ

Ordering Information

Series	Nominal Lumen Code ¹	Voltage	CRI; Color Temp	Driver Type	Lens Options	Packaging Options
TLEDA= HARRIS LED UL Type A T8 Glass Lamp	A1= 1,800lm per TLED* B1= 2,200lm per TLED**	UNV= 120v-277v	830= 80CRI; 3000K 835= 80CRI; 3500K 840= 80CRI; 4000K 850= 80CRI; 5000K	CFB= Compatible with T8 Fluorescent Ballast Note: Contact Orion customer service for ballast compatibility	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 A model number listed on DLC website: T8L-IDDM13-1800-4ft-XBA-xx, for NSF shatter resistant lamps model number: T8L-IDDM13-1800-4ft-XCA-xx

**UL Type A model number listed on DLC website: T8L-IDDM13-2200-4ft-XBA-xx, for NSF shatter resistant lamps model number: T8L-IDDM13-2200-4ft-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