



Better Light... Lower Watts

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LED T8 Low Voltage Lighting System

APPLICATIONS

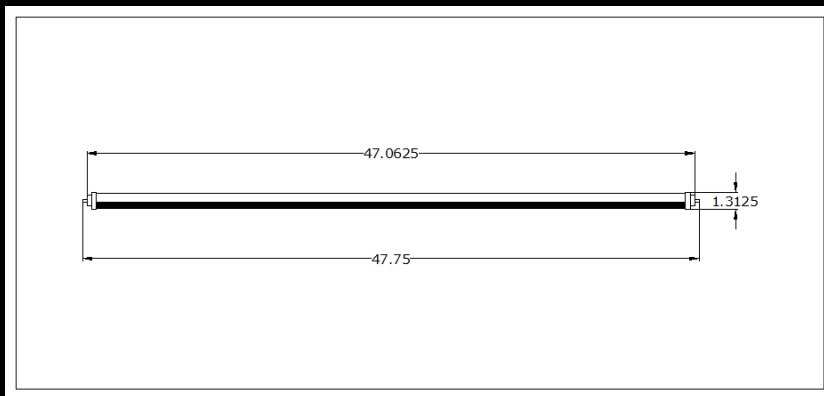
Commercial and Residential
Fluorescent Replacement in:
Offices, Classrooms, Conference
Rooms, Kitchens, Baths,
Freezer Cases, and
Food Manufacturing

Warranty

3 Year Warranty



- T8 & T12 Fluorescent Tube Replacement
- No hazardous materials
- CRI \geq 75 Ra
- 120~277VAC
- 67.5 Lumens per Watt
- 42,000 hour life expectancy
- $>$ 0.99 Power Factor
- 24VDC Remote UL LED Class 2 driver replaces Ballast for Safety, Efficiency, and guaranteed service life.
- 20 - 23 Watts
- 2, 4, 5 & 8 foot lengths available
- Independent NRTL LM 79 Tested
- Patent Pending Technology

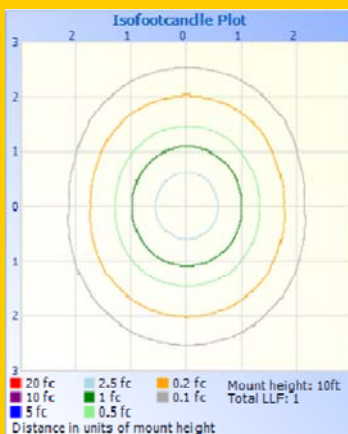
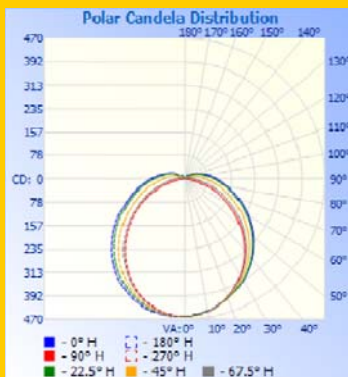


Part Number	Driver Voltage	LED Type & Qty	View Angle	Input Voltage	Optic	Power	Wavelength	Luminous Flux	Base	Packing
NG-C-T8C-48E-55K	110~277VAC	110 LEDs	120°	24VDC	Clear	23W	5500K	1750 lm	GU 13	Single/25 carton
NG-C-T8C-24E-55K	110~277VAC	55 LEDs	120°	24VDC	Clear	11W	5500K	850 lm	GU 13	Single
NG-C-T8F-48E-55K	110~277VAC	110 LEDs	120°	24VDC	Frost	23W	5500K	1575 lm	GU 13	Single/25 carton
NG-C-T8F-24E-55K	110~277VAC	55 LEDs	120°	24VDC	Frost	11W	5500K	710 lm	GU 13	Single

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Installation

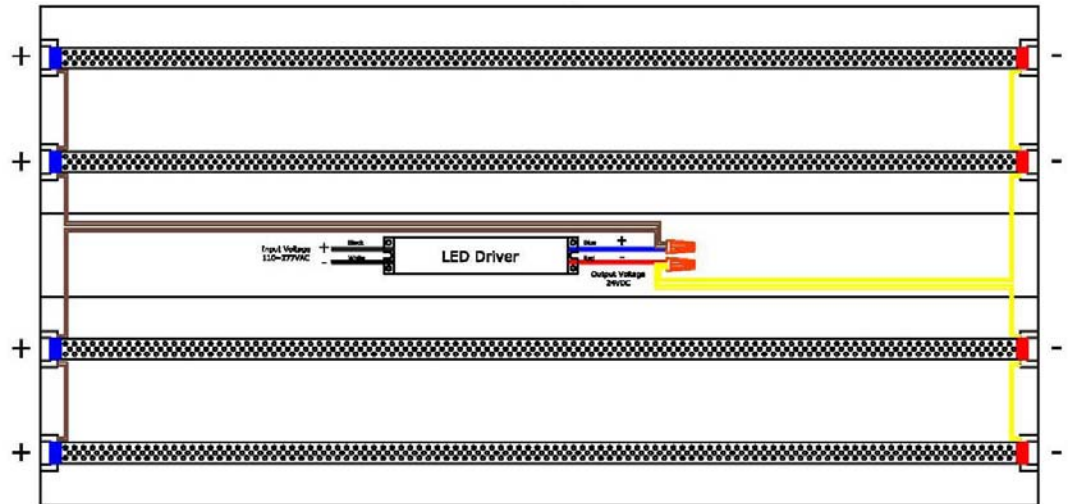
Photometric Data



	Center Beam FC	Beam Width
1.7ft	165.67 fc	6.7ft 4.2ft
3.3ft	41.42 fc	13.3ft 8.4ft
5.0ft	18.41 fc	20.0ft 12.6ft
6.7ft	10.35 fc	26.7ft 16.8ft
8.3ft	6.63 fc	33.4ft 20.9ft
10.0ft	4.60 fc	40.0ft 25.1ft

Vert. Spread: 126.9° Horiz. Spread: 103.0°

For more Information on any of our products, please contact us directly by phone or email.



Please see attached spec sheet for recommended LED driver for replacing existing ballast.

Cautions:

- 1) Replacement Tubes operate on 24VDC and are bi-directional. Installation and replacement tubes are not polarized. Do not attempt to operate on fluorescent ballast or direct line voltages.
- 2) Failure to utilize listed compatible driver will void any and all warranties and/guarantees from Next Gen Illumination, Inc. Visit http://www.nextgenillumination.com/specsheets/T8_Driver.pdf for more information.
- 3) This LED conversion system is designed to operate with 1, 2, 3 or 4 tubes with one driver unit. Do not exceed 100 watts of power on a single driver.
- 4) Next Gen's LED conversion system is engineered and designed to convert one lighting fixture with as many as 4 - 48" tubes.