

# T8 LED 3-in-1 Universal Retrofit Tube Lamp

The 3M LED Advanced Light series of LED ballast bypass T8 tubes are designed to emulate the look and feel of traditional 4-foot, 32-watt fluorescent T8 tubes. Bypassing the ballast in the existing fixture is all it takes to convert existing fluorescent fixtures into long life LED units. Rated with an L70 lifetime of at least 50,000 hours, this rugged tube lamp is designed for many years of reliable maintenance-free operation.

## Applications

- Office lighting
- Overhead task lighting
- Limited space mounting locations
- Damp location installation
- Walk-in coolers and freezers
- Food processing facilities

## Features

- Works with any ballast
- Works without a ballast
- Universal voltage
- No UV or IR radiation
- Mercury-free construction
- Suitable for totally enclosed installation
- UL Listed and UL Classified

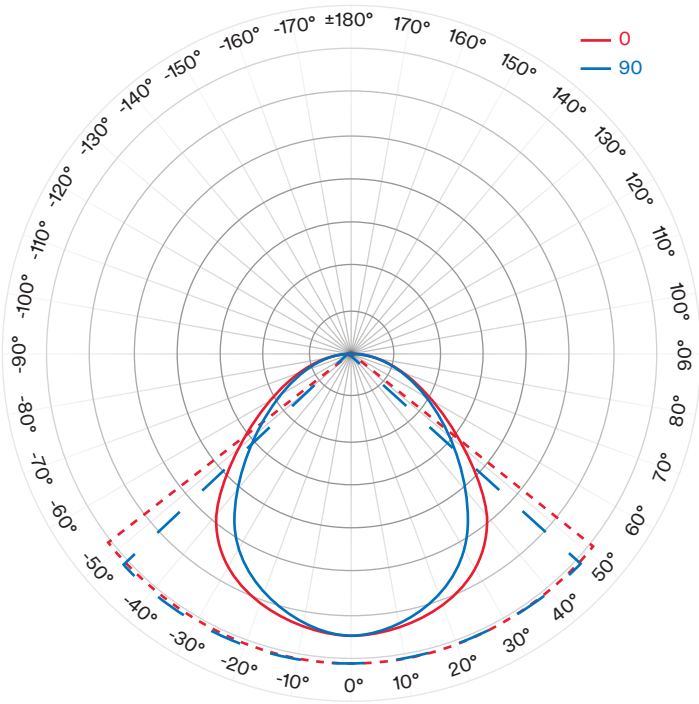


## Specifications

Model		URT8483521	URT8484123
General	Base Type	G13	G13
	Lumen Output	2000 lm	2000 lm
	Luminous Efficacy	111 lm/W	111 lm/W
	Beam Angle	165°	165°
	Equivalent Fluorescent Wattage	32 W	32 W
Electrical	Input Power	18 W	18 W
	Input Voltage	120–277 Vac	120–277 Vac
	Power Factor	>0.95	>0.95
	Total Harmonic Distortion	<10%	<10%
Color	Color Temperature (CCT)	3500 K	4100 K
	Color Rendering Index (CRI)	>80	>80
Operational	Lifetime	50000 hours	50000 hours
	Warranty	5 Years	5 Years
	Dimmable	No	No
	Operating Temperature	-4°F to 113°F	-4°F to 113°F
	Environment	Damp Rated	Damp Rated
	Suitable for Totally Enclosed Install	Yes	Yes
	Weight	0.51 lbs	0.51 lbs
	Dimensions (Length x Diameter)	47.2 x 1.12 in	47.2 x 1.12 in
DLC	Yes	Yes	



## Polar Distribution Chart (units in Candela, cd)



## Illuminance Data

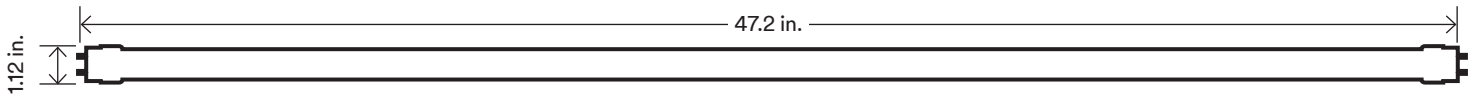
Ave Lux	Diameter	Distance
897.70	8.69 ft (2.65 m)	3.28 ft (1.0 m)
224.42	17.42 ft (5.31 m)	6.56 ft (2.0 m)
99.74	26.12 ft (7.96 m)	9.84 ft (3.0 m)
56.11	34.84 ft (10.62 m)	13.12 ft (4.0 m)
35.91	43.54 ft (13.27 m)	16.40 ft (5.0 m)



Beam Angle 106.3

## Zonal Lumen Summary

Zone	Lumens	% Total
0-30	1020.12	30.01%
0-40	1665.72	49.00%
0-60	2801.80	82.42%
0-90	3358.68	98.80%
0-120	3378.43	99.38%
0-180	3399.46	100.00%



Cat Number	Description	Stock Number	Billing Unit	Case Quantity	MOQ	Item UPC	Case UPC	Case Dimension (L" x W" x H")	Case Weight (lbs)	Case Cube (cu. ft.)
URT8483521	3-in-1 Universal T8, 48" 3500K, UL and DLC listed	70-0800-3105-0	EA	20	1 Case	00051128944967	50051128944962	49.6" x 6.89" x 6.102"	11.32	1.207
URT8484123	3-in-1 Universal T8, 48" 4000K, UL and DLC listed	70-0800-3106-8	EA	20	1 Case	00051128944974	50051128944979	49.6" x 6.89" x 6.102"	11.32	1.207

**LIMITED WARRANTY AND LIMITATION OF LIABILITY:** Warranted to last 5 years based on 12 hours normal use per day, when used as directed. At 3M's option, refund or replacement is the sole remedy upon receipt of proof of purchase. This Limited Warranty does not cover accident, neglect, abuse, misuse or acts of God. Limitation of Liability: Liability for direct, indirect, incidental or consequential damages is expressly excluded. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. For warranty claims and additional details, please visit [www.3MLighting.com/LED](http://www.3MLighting.com/LED).



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