

# Specification Sheet: Memory-Dimmable Tube Lamp

## The Energy Efficient LED Solution

Revolution Lighting's Memory-Dimmable, all-plastic T8 LED tube lamp is continuously dimmable using an ordinary on-off switch. These UL Type-B SEP LED tubes feature universal voltage compatibility (120-277VAC) and a unique internal dimming function that eliminates the need for external dimming controls.

With Memory-Dimmable LED Tube Lamps, any on/off switch can serve as a dimmer, avoiding the wiring or dimmer incompatibilities often encountered with LED lighting upgrades. Simply switch on the lamps, turn them off when they reach the desired brightness, then switch them back on to return to the same brightness. On, off, on, and these tube lamps remember the brightness level you want.

### APPLICATIONS

- Offices & Commercial Buildings
- Retail Settings
- Hotels
- Schools
- Hospitals
- Warehouses
- Assisted Living Facilities
- Parking Garages
- Recreation Centers
- Food Processing Centers

### ILLUMINATION ANGLE



Revolution Lighting Light Distribution

### CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

### WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

## PRODUCT BENEFITS

### OPERATIONAL

- 3X greater lamp life than fluorescent
- 58,000-hour lamp life reduces long-term maintenance costs
- Instant on, no warm-up time
- Unique 10-100% memory dimming

### SAFETY

- No glass
- Negligible light depreciation over time
- Superior light output

### SUSTAINABILITY

- Lack of UV or IR minimizes concerns with fading or discoloration
- Mercury-free, allowing for non-hazardous disposal
- 100% recyclable



## ORDER LOGIC (Ex. MDTL-48-18-F-30)

Product Description	Length (in.)	Lamp Wattage	Lens	CCT (K Temp)
MDTL = Memory-Dimmable Tube Lamp	24 = 2 ft	9 = 9W	F = Frosted	30 = 3000K
	48 = 4 ft	12 = 12W 18 = 18W		35 = 3500K
				40 = 4000K
				50 = 5000K



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## TECHNICAL DATA (Subject to change.)

Catalog No.	Product SKU No.	Rated Watts	Lens	Mounting	Input Voltage (VAC)	Color Temp (K)	Rated Lumens	Rated Efficacy (lm/W)	CRI	Illumination Angle	Rated Life (Hours)	Operating Temp. (°F)	NSF Listed
<b>2-ft 9W Memory-Dimmable T8 Tube Lamp</b>													
MDTL-24-9-F-30	202400-111	9	Frosted	G13	120-277	3000	1,300	145	83	298°	58,000	-4 to 113	•
MDTL-24-9-F-35	202400-112	9	Frosted	G13	120-277	3500	1,300	145	83	298°	58,000	-4 to 113	•
MDTL-24-9-F-40	202400-113	9	Frosted	G13	120-277	4000	1,300	145	83	298°	58,000	-4 to 113	•
MDTL-24-9-F-50	202400-115	9	Frosted	G13	120-277	5000	1,400	155	82	298°	58,000	-4 to 113	•
<b>4-ft 12W Memory-Dimmable T8 Tube Lamp</b>													
MDTL-48-12-F-30	204401-111	12	Frosted	G13	120-277	3000	1,700	140	83	298°	58,000	-4 to 113	•
MDTL-48-12-F-35	204401-112	12	Frosted	G13	120-277	3500	1,700	140	83	298°	58,000	-4 to 113	•
MDTL-48-12-F-40	204401-113	12	Frosted	G13	120-277	4000	1,700	140	83	298°	58,000	-4 to 113	•
MDTL-48-12-F-50	204401-115	12	Frosted	G13	120-277	5000	1,850	155	82	298°	58,000	-4 to 113	•
<b>4-ft 18W Memory-Dimmable T8 Tube Lamp</b>													
MDTL-48-18-F-30	204403-111	18	Frosted	G13	120-277	3000	2,500	140	83	298°	58,000	-4 to 113	•
MDTL-48-18-F-35	204403-112	18	Frosted	G13	120-277	3500	2,500	140	83	298°	58,000	-4 to 113	•
MDTL-48-18-F-40	204403-113	18	Frosted	G13	120-277	4000	2,500	140	83	298°	58,000	-4 to 113	•
MDTL-48-18-F-50	204403-115	18	Frosted	G13	120-277	5000	2,800	155	82	298°	58,000	-4 to 113	•

Product is DLC listed.

## PHYSICAL DATA

Catalog No.	Product SKU No.	Product Dimensions (in.)	Product Weight (lb)
<b>2-ft 9W Memory-Dimmable T8 Tube Lamp</b>			
MDTL-24-9-F-30	202400-111	24 x 1	0.25
MDTL-24-9-F-35	202400-112	24 x 1	0.25
MDTL-24-9-F-40	202400-113	24 x 1	0.25
MDTL-24-9-F-50	202400-115	24 x 1	0.25
<b>4-ft 12W Memory-Dimmable T8 Tube Lamp</b>			
MDTL-48-12-F-30	204401-111	48 x 1	0.42
MDTL-48-12-F-35	204401-112	48 x 1	0.42
MDTL-48-12-F-40	204401-113	48 x 1	0.42
MDTL-48-12-F-50	204401-115	48 x 1	0.42
<b>4-ft 18W Memory-Dimmable T8 Tube Lamp</b>			
MDTL-48-18-F-30	204403-111	48 x 1	0.42
MDTL-48-18-F-35	204403-112	48 x 1	0.42
MDTL-48-18-F-40	204403-113	48 x 1	0.42
MDTL-48-18-F-50	204403-115	48 x 1	0.42