

# EWM 8W 2ft LED T8 Tube Ballast Compatible

Replaces 17-20w Fluorescent Lamp



## Features

- Plug & Play, no need for rewiring.
- AC & DC universal compatible.
- No UV, no hissing or flickering. Mercury and lead free.
- 50,000 hours lifetime. Lumen maintenance >95% after 6000 hours.
- Anti electric shock & electric leakage. Hi-pot and EMC test passed. Insulation class I.

## Ordering information

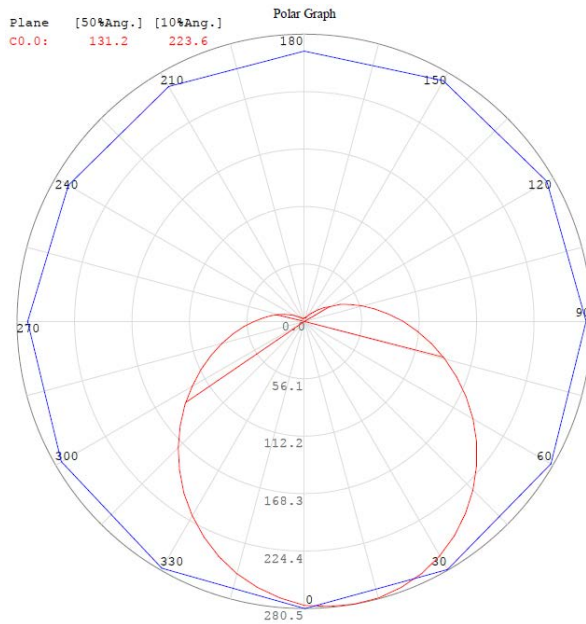
Family	Lgt (in.)	Watts	Voltage/Driver	Lens Beam	CRI Color	Pins	Sort #
T8	24	08	MDN Multi-volt, ballast-compatible, non-dim	CP12 = Clear, Poly, 120 Deg FP12= Frosted Poly, 120 Deg	830 = 80+ CRI, 3000K 840 = 80+ CRI, 4000K 850 = 80+ CRI, 5000K	B2 Bi-pin, 2-end	344

Example: T8-24-08-MDN-CP12-840-B2-344

# SPECIFICATIONS

WATTAGE	8w
LUMENS	1040lm
LUMENS PER WATT	130lm/w
BEAM ANGLE	120°~160°
COLOR TEMPERATURES	3000K/4000k/5000k
INPUT VOLTAGE	AC100-277V
HERTZ	50/60Hz
CRI	80Ra
LED L70 LIFETIME	50,000hrs
PIN OPTIONS	G13/Bi-pin
CONTROL OPTIONS	Non
DRIVER	Efficiency 0.95 PF0.9~0.98 THD<15%
DIMENSIONS	589mm
WEIGHT	160g
CERTIFICATIONS	UL FCC DLC
WARRANTY	5 years

## Photometric



*Product enhancements may result in specification changes without notice. Contact us for the latest information*

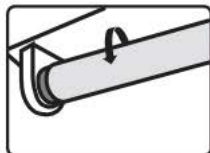
# Installation

Direct Fit No Rewiring.

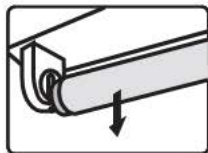
- 1) Make sure to turn power off by disconnecting the supply voltage.
- 2) Remove diffuser (if provided).
- 3) Remove the conventional fluorescent lamp and dispose of them properly.
- 4) Note: Work directly with all 1-magnetic-ballast-to-1-lamp system. For other systems, please to attached list of tested ballasts compatible with Direct Fit LED T8 Tube.
- 5) Put T8 LED tube into lamp holders.
- 6) Replace diffuser (if removed in step 2).
- 7) Turn power on and check the light distribution angle.



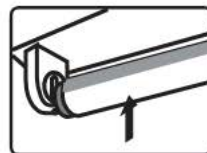
1



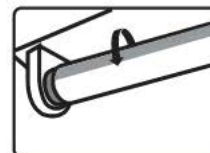
2 Fluorescent



3 Fluorescent



4 Direct Fit Tube



5 Direct Fit Tube



6

# Mounting Options

See above

# Operating Cost Comparison

Fluorescent Lamp 20w  
25W (incl. ballast)  
2500

**EWM LED  
lamp 8w**  
50,000

Comparison  
68% reduction  
20x longer life- less maintenance!