

Project Name:	Type:
Part Number:	Date:

# DOUBLE ENDED BYPASS T8

## FEATURES

- Utilizes existing lamp holders – shunted or non-shunted
- Operates directly on 120-277V line voltage
- Replaces 4' T8 Fluorescent lamp
- Ultra-high efficacy up to 170LPW available in 4'
- Opaque glass lens reduces glare
- 10T8/4F/8xx/DEB/C models include film coating to add shatter resistance
- 310° wide light emitting area
- Built-in safety switch prevents electrical shock during installation
- Suitable for use in enclosed fixture and damp locations
- UL 1598C classified
- Fixture operating temperature: -4°F to 95°F (-20°C to 35°C)
- Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- L70 rated lifetime up to 60,000 hours
- 5 year limited warranty\* / 10 year available  
(see EXTENDED WARRANTIES table for information)
- NSF listed – National Sanitation Foundation



## SPECIFICATIONS

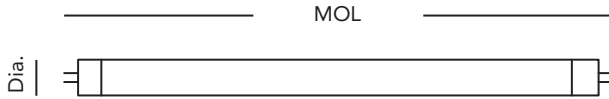
Product	Model	Normal Length	Equiv.	Input Voltage	Life (hrs)	Wattage (W)	Lumens (lm)	CCT	CRI	Efficacy (LPW)	Power Factor	THD	Beam Angle	Dim.	Film coated	DLC / NSF
97934	8.5T8/2F/830/DEB/RC	2'	17W	120-277V	60,000	8.5	1,050	3000K	82	124	0.9	<20%	160°	No	N.A.	√/√
97935	8.5T8/2F/835/DEB/RC	2'	17W	120-277V	60,000	8.5	1,050	3500K	82	124	0.9	<20%	160°	No	N.A.	√/√
97936	8.5T8/2F/840/DEB/RC	2'	17W	120-277V	60,000	8.5	1,100	4000K	82	129	0.9	<20%	160°	No	N.A.	√/√
35651	10T8/4F/830/DEB	4'	32W	120-277V	60,000	10	1,650	3000K	82	165	0.9	<20%	160°	No	N.A.	√/√
35652	10T8/4F/835/DEB	4'	32W	120-277V	60,000	10	1,650	3500K	82	165	0.9	<20%	160°	No	N.A.	√/√
35653	10T8/4F/840/DEB	4'	32W	120-277V	60,000	10	1,700	4000K	82	170	0.9	<20%	160°	No	N.A.	√/√
35654	10T8/4F/850/DEB	4'	32W	120-277V	60,000	10	1,700	5000K	82	170	0.9	<20%	160°	No	N.A.	√/√
35647	10T8/4F/830/DEB/C	4'	32W	120-277V	60,000	10	1,650	3000K	82	165	0.9	<20%	160°	No	√	√/√
35648	10T8/4F/835/DEB/C	4'	32W	120-277V	60,000	10	1,650	3500K	82	165	0.9	<20%	160°	No	√	√/√
35649	10T8/4F/840/DEB/C	4'	32W	120-277V	60,000	10	1,700	4000K	82	170	0.9	<20%	160°	No	√	√/√
35650	10T8/4F/850/DEB/C	4'	32W	120-277V	60,000	10	1,700	5000K	82	170	0.9	<20%	160°	No	√	√/√
98340	12T8/3F/830/DEB/R	3'	25W	120-277V	60,000	12	1,400	3000K	82	117	0.9	<20%	160°	No	N.A.	√/√
98341	12T8/3F/835/DEB/R	3'	25W	120-277V	60,000	12	1,400	3500K	82	117	0.9	<20%	160°	No	N.A.	√/√
98342	12T8/3F/840/DEB/R	3'	25W	120-277V	60,000	12	1,450	4000K	82	121	0.9	<20%	160°	No	N.A.	√/√
35657	12T8/4F/830/DEB	4'	32W	120-277V	60,000	12	1,700	3000K	82	142	0.9	<20%	160°	No	N.A.	√/√
35658	12T8/4F/835/DEB	4'	32W	120-277V	60,000	12	1,700	3500K	82	142	0.9	<20%	160°	No	N.A.	√/√
35659	12T8/4F/840/DEB	4'	32W	120-277V	60,000	12	1,800	4000K	82	150	0.9	<20%	160°	No	N.A.	√/√
35660	12T8/4F/850/DEB	4'	32W	120-277V	60,000	12	1,800	5000K	82	150	0.9	<20%	160°	No	N.A.	√/√
35655	14T8/4F/840/DEB/R	4'	32W	120-277V	60,000	14	2,200	4000K	82	157	0.9	<20%	160°	No	N.A.	√/√
35656	14T8/4F/850/DEB/R	4'	32W	120-277V	60,000	14	2,200	5000K	82	157	0.9	<20%	160°	No	N.A.	√/√
98433	17T8/4F/840/DEB	4'	32W	120-277V	60,000	17	2,200	4000K	82	129	0.9	<20%	160°	No	N.A.	√/√
98434	17T8/4F/850/DEB	4'	32W	120-277V	60,000	17	2,200	5000K	82	129	0.9	<20%	160°	No	N.A.	√/√

\* Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.



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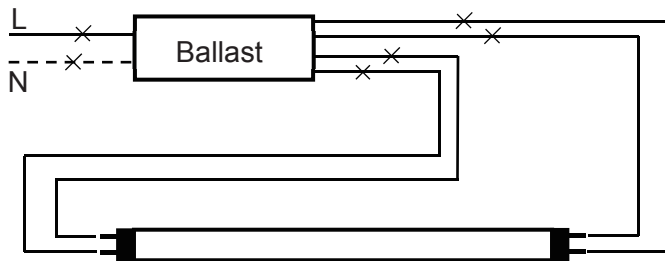
## DIMENSION & WEIGHT



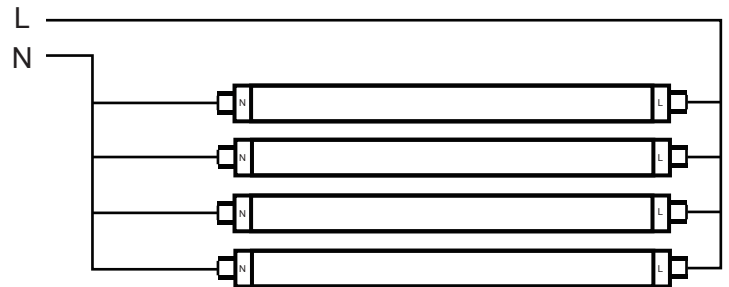
Model	8.5T8/2F	12T8/3F	10T8/4F 14.5T8/4F	14T8/4F 17T8/4F
Base	G13	G13	G13	
MOL	23-3/4"	35-3/4"	47-3/4"	
Dia.	1-1/16"	1-1/16"	1-1/16"	
Weight	0.40lb	0.46lb	0.57lb	

Where xxx means 824-965 which indicates CRI and color temperature

## INSTALLATION



Step 1. Cut all wires connected to the existing ballast, remove the ballast.



Step 2. Connect the lamps according to the above wiring diagram

## ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimensions
34958	5EMDRIVER**	5W Emergency LED Driver		
34959	10EMDRIVER**	10W Emergency LED Driver		
58012	35EMINVERTER**	California Title 20 Compliant 35W Emergency LED Driver (Field Installation)		
58013	35EMINVERTER/CEC	California Title 20 Compliant 35W Emergency Inverter (Field Installation)		

\*\*Does not meet Title 20 appliance requirements, not for use in California



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EXTENDED WARRANTIES***	
Model	Description****
8.5T8/2F/DEB/10YEARWARRANTY	10 Year warranty for 8.5T8/2F/8xx/DEB/yy
10T8/4F/DEB/10YEARWARRANTY	10 Year warranty for 10T8/4F/8xx/DEB/yy
10T8/4F/DEB/C/10YEARWARRANTY	10 Year warranty for 10T8/4F/8xx/DEB/yy
12T8/3F/DEB/10YEARWARRANTY	10 Year warranty for 12T8/3F/8xx/DEB/yy
12T8/4F/DEB/10YEARWARRANTY	10 Year warranty for 12T8/4F/8xx/DEB/yy
14T8/4F/DEB/10YEARWARRANTY	10 Year warranty for 14T8/4F/8xx/DEB/yy
17T8/4F/DEB/10YEARWARRANTY	10 Year warranty for 17T8/4F/8xx/DEB/yy

\*\*\* Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum ambient temperature of 80°F / 27°C.

\*\*\*\* xx – Refers to the CCT yy – Refers to model generations within the same nominal performance. Typically blank, 'R', or 'RC'