

Project Name:	Type:
Part Number:	Date:

# SINGLE ENDED BYPASS T8

## FEATURES

- T8 tube 2' / 3' / 4' / U bent
- CCT: 3000K, 3500K, 4000K, 5000K
- Ultra high efficacy version up to 167lm/W available
- Built-in universal voltage driver, operates on 120-277V line input
- Opaque glass provides glare free, even lighting with a 310° light emitting area
- Suitable for damp locations and totally enclosed fixtures
- NSF (National Sanitation Foundation) certified for Food Zone (Non-Contact), Splash, and Non-Food Zones
- 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)
- Rated lifetime(L70) up to: 60,000hrs
- 5 year limited warranty\* / 10 year available  
(see EXTENDED WARRANTIES table for information)



101322



## SPECIFICATIONS

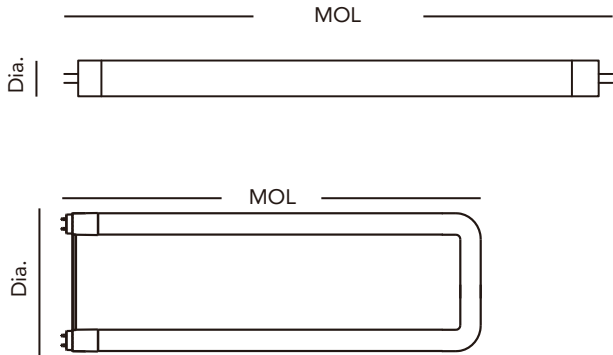
Product	Model	Nominal Length	Equiv.	Input Voltage	Life (hrs)	Wattage	Lumens	CCT	CRI	Efficacy (LPW)	Power Factor	THD	Beam Angle	Dim.***	DLC / NSF
36961	8T8/2F/830/BYP/RC	2'	17W	120-277V	60,000	8	1,000	3000K	82	125	0.9	<20%	160°	Yes	√/√
36962	8T8/2F/835/BYP/RC	2'	17W	120-277V	60,000	8	1,000	3500K	82	125	0.9	<20%	160°	Yes	√/√
36963	8T8/2F/840/BYP/RC	2'	17W	120-277V	60,000	8	1,050	4000K	82	131	0.9	<20%	160°	Yes	√/√
36964	8T8/2F/850/BYP/RC	2'	17W	120-277V	60,000	8	1,050	5000K	82	131	0.9	<20%	160°	Yes	√/√
36965	12T8/3F/830/BYP/RC	3'	25W	120-277V	60,000	12	1,500	3000K	82	125	0.9	<20%	160°	Yes	√/√
36966	12T8/3F/835/BYP/RC	3'	25W	120-277V	60,000	12	1,500	3500K	82	125	0.9	<20%	160°	Yes	√/√
36967	12T8/3F/840/BYP/RC	3'	25W	120-277V	60,000	12	1,550	4000K	82	129	0.9	<20%	160°	Yes	√/√
36968	12T8/3F/850/BYP/R	3'	25W	120-277V	60,000	12	1,550	5000K	82	129	0.9	<20%	160°	Yes	√/√
98379	10.5T8/4F/830/BYP	4'	32W	120-277V	60,000	10.5	1,650	3000K	82	157	0.9	<20%	160°	Yes	√/√
98380	10.5T8/4F/835/BYP	4'	32W	120-277V	60,000	10.5	1,650	3500K	82	157	0.9	<20%	160°	Yes	√/√
98381	10.5T8/4F/840/BYP	4'	32W	120-277V	60,000	10.5	1,750	4000K	82	167	0.9	<20%	160°	Yes	√/√
98382	10.5T8/4F/850/BYP	4'	32W	120-277V	60,000	10.5	1,750	5000K	82	167	0.9	<20%	160°	Yes	√/√
36969	13T8/4F/830/BYP/RC	4'	32W	120-277V	60,000	13	1,700	3000K	82	131	0.9	<20%	160°	Yes	√/√
36970	13T8/4F/835/BYP/RC	4'	32W	120-277V	60,000	13	1,700	3500K	82	131	0.9	<20%	160°	Yes	√/√
36971	13T8/4F/840/BYP/RC	4'	32W	120-277V	60,000	13	1,750	4000K	82	134	0.9	<20%	160°	Yes	√/√
36972	13T8/4F/850/BYP/RC	4'	32W	120-277V	60,000	13	1,750	5000K	82	134	0.9	<20%	160°	Yes	√/√
98476	14.5T8/4F/835/BYP	4'	32W	120-277V	60,000	14.5	2,100	3500K	82	145	0.9	<20%	160°	Yes	√/√
98473	14.5T8/4F/840/BYP	4'	32W	120-277V	60,000	14.5	2,200	4000K	82	152	0.9	<20%	160°	Yes	√/√
98474	14.5T8/4F/850/BYP	4'	32W	120-277V	60,000	14.5	2,200	5000K	82	152	0.9	<20%	160°	Yes	√/√
36973	16T8/4F/840/BYP/RC	4'	32W	120-277V	60,000	16	2,100	4000K	82	131	0.9	<20%	160°	Yes	√/√
36974	16T8/4F/850/BYP/RC	4'	32W	120-277V	60,000	16	2,100	5000K	82	131	0.9	<20%	160°	Yes	√/√
<b>36975</b>	<b>20.5T8/4F/840/BYP/R</b>	<b>4'</b>	<b>40W**</b>	<b>120-277V</b>	<b>60,000</b>	<b>20.5</b>	<b>2,950</b>	<b>4000K</b>	<b>82</b>	<b>141</b>	<b>0.9</b>	<b>&lt;20%</b>	<b>160°</b>	<b>Yes</b>	<b>√/√</b>
36976	20.5T8/4F/850/BYP/R	4'	40W**	120-277V	60,000	20.5	2,950	5000K	82	141	0.9	<20%	160°	Yes	√/√
98162	17T8U6/830/BYP/R	U-6	32W	120-277V	60,000	17	2,100	3000K	82	124	0.9	<20%	160°	Yes	√/ N.A.
35460	17T8U6/835/BYP/R	U-6	32W	120-277V	60,000	17	2,100	3500K	82	124	0.9	<20%	160°	Yes	√/ N.A.
98163	17T8U6/840/BYP/R	U-6	32W	120-277V	60,000	17	2,300	4000K	82	135	0.9	<20%	160°	Yes	√/ N.A.
98164	17T8U6/850/BYP/R	U-6	32W	120-277V	60,000	17	2,300	5000K	82	135	0.9	<20%	160°	Yes	√/ N.A.

\* Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.  
 \*\* Replace 40W T10/T12 lamps or 32W T8 lamps.  
 \*\*\* Please Consult Factory for Dimming Options.



# SINGLE ENDED BYPASS T8

## DIMENSION & WEIGHT



Model	Base	MOL	Dia.	Weight
8T8/2F/8xx/BYP/RC	G13	23-3/4"	1.0"	0.24lb
12T8/3F/8xx/BYP/RC	G13	35-3/4"	1.0"	0.32lb
10.5T8/4F/8xx/BYP	G13	47-13/16"	1.0"	0.57lb
13T8/4F/8xx/BYP/RC	G13	47-13/16"	1.0"	0.47lb
14.5T8/4F/8xx/BYP	G13	47-13/16"	1.0"	0.57lb
16T8/4F/8xx/BYP/RC	G13	47-13/16"	1.0"	0.47lb
20.5T8/4F/8xx/BYP/R	G13	47-13/16"	1.0"	0.53lb
17T8U6/8xx/BYP/R	G13	22-7/16"	7-1/16"	0.53lb

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

## INSTALLATION

Diagram A – Non-Shunted

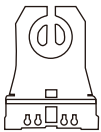
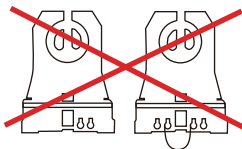
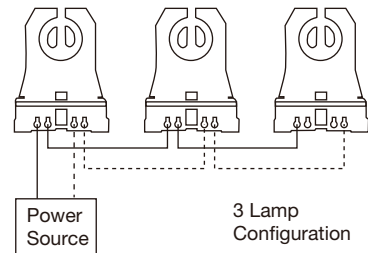


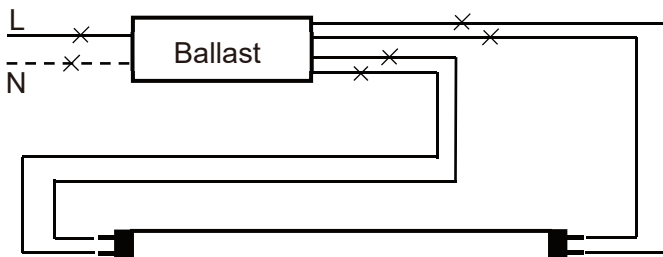
Diagram B – Shunted



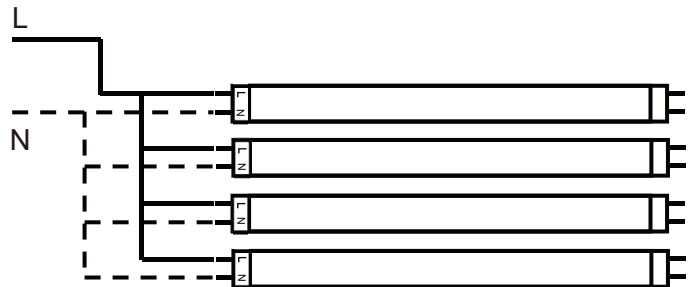
This lamp is compatible with non-shunted lamp holder ONLY.



### TUBE



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



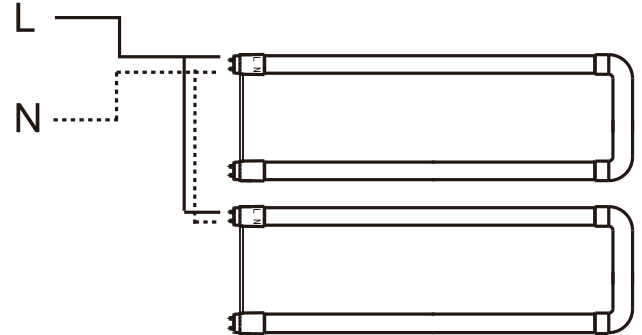
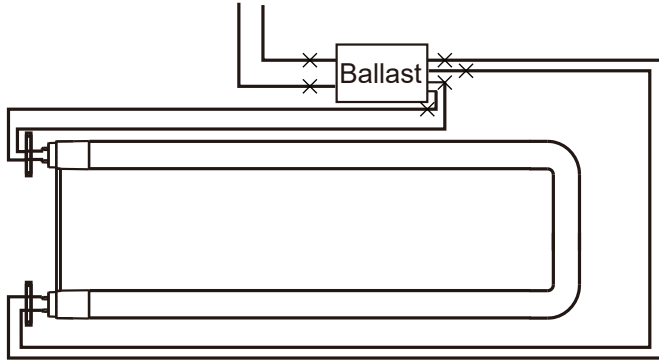
Step 2. If shunted lamp holders are used in the existing fixture, replace them with non-shunted holders first. Wire the holders and lamps according to the diagram.



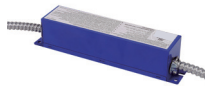
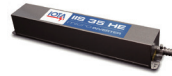
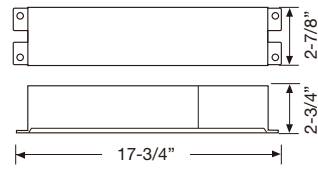
# SINGLE ENDED BYPASS T8

## INSTALLATION

### U-BENT



## ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimensions
98003	23EMDRIVER	California Title 20 Compliant 23W Emergency LED Driver (Field Installation)		 <p>10-7/16" (length) 2-3/16" (width) 24-3/8" (mounting hole spacing) 2-1/4" (height)</p>
58012	35EMINVERTER***	35W Emergency Inverter (Field Installation)		 <p>3" (height) 2-3/4" (width) 17-3/4" (length)</p>
58013	35EMINVERTER/CEC	California Title 20 Compliant 35W Emergency Inverter (Field Installation)		 <p>2-7/8" (height) 2-3/4" (width) 17-3/4" (length)</p>

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

## EXTENDED WARRANTIES\*\*\*\*

Model	Description*****
8T8/2F/BYP/10YEARWARRANTY	10 Year warranty for 8T8/2F/8xx/BYP/yy
12T8/3F/BYP/10YEARWARRANTY	10 Year warranty for 12T8/3F/8xx/BYP/yy
10.5T8/4F/BYP/10YEARWARRANTY	10 Year warranty for 10.5T8/4F/8xx/BYP/yy
13T8/4F/BYP/10YEARWARRANTY	10 Year warranty for 13T8/4F/8xx/BYP/yy
14.5T8/4F/BYP/10YEARWARRANTY	10 Year warranty for 14.5T8/4F/8xx/BYP/yy
16T8/4F/BYP/10YEARWARRANTY	10 Year warranty for 16T8/4F/8xx/BYP/yy
20.5T8/4F/BYP/10YEARWARRANTY	10 Year warranty for 20.5T8/4F/8xx/BYP/yy
17T8/U6/BYP/10YEARWARRANTY	10 Year warranty for 17T8U6/8xx/BYP/yy

\*\*\*\* Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum fixture operating 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'