

Project Name:	Type:
Part Number:	Date:

DIRECT T8 (UL Type A)

FEATURES

- Plug & Play – Easy to install
- Compatible with Instant Start / Program Start ballasts*
- Compatible with 0-10V dimming ballasts*
- Replaces 2' / 3' / 4' / U-BENT T8 Fluorescent lamp
- Exceptional efficacy up to 156 LPW
- Opaque glass design reduces glare
- 310° wide light emitting area
- Suitable for enclosed fixtures
- Meets NSF requirements (use of a shatter guard required)
- 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): 60,000hrs
- 5 year limited warranty** / 10 year available
(see EXTENDED WARRANTIES table for information)
- Suitable for all indoor general lighting applications and damp locations



12/3/2020



SPECIFICATIONS

Product	Model	Equiv.	Input Voltage	Wattage	Lumens	CCT	CRI	Efficacy (LPW)	Power Factor	THD	Beam Angle	Dim.*	Fixture Rating	DLC
97841	8T8/2F/830/DIR/RC	17W	120-277V	8	1,300	3000K	82	163	0.9	<20%	160°	Yes	Enclosed	✓
97842	8T8/2F/835/DIR/RC	17W	120-277V	8	1,300	3500K	82	163	0.9	<20%	160°	Yes	Enclosed	✓
97843	8T8/2F/840/DIR/RC	17W	120-277V	8	1,300	4000K	82	163	0.9	<20%	160°	Yes	Enclosed	✓
35672	8T8/2F/850/DIR/RC	17W	120-277V	8	1,300	5000K	82	163	0.9	<20%	160°	Yes	Enclosed	✓
98352	8T8/3F/830/DIR/RC	25W	120-277V	8	1,200	3000K	82	150	0.9	<20%	160°	Yes	Enclosed	✓
98353	8T8/3F/835/DIR/RC	25W	120-277V	8	1,200	3500K	82	150	0.9	<20%	160°	Yes	Enclosed	✓
98354	8T8/3F/840/DIR/RC	25W	120-277V	8	1,250	4000K	82	156	0.9	<20%	160°	Yes	Enclosed	✓
28397	10.5T8/4F/830/DIR/RD	32W	120-277V	10.5	1,650	3000K	82	157	0.9	<20%	160°	Yes	Enclosed	✓
28398	10.5T8/4F/835/DIR/RD	32W	120-277V	10.5	1,650	3500K	82	157	0.9	<20%	160°	Yes	Enclosed	✓
28399	10.5T8/4F/840/DIR/RD	32W	120-277V	10.5	1,700	4000K	82	162	0.9	<20%	160°	Yes	Enclosed	✓
28400	10.5T8/4F/850/DIR/RD	32W	120-277V	10.5	1,700	5000K	82	162	0.9	<20%	160°	Yes	Enclosed	✓
35674	13T8/4F/835/DIR/RC	32W	120-277V	13	1,900	3500K	82	122	0.9	<20%	160°	Yes	Enclosed	✓
28403	13T8/4F/840/DIR/RC	32W	120-277V	13	2,050	4000K	82	158	0.9	<20%	160°	Yes	Enclosed	✓
28404	13T8/4F/850/DIR/RC	32W	120-277V	13	2,050	5000K	82	158	0.9	<20%	160°	Yes	Enclosed	✓
97958	16T8U6/830/DIR/R	32W	120-277V	16	2,200	3000K	82	138	0.9	<20%	160°	Yes	Enclosed	✓
35459	16T8U6/835/DIR/R	32W	120-277V	16	2,200	3500K	82	138	0.9	<20%	160°	Yes	Enclosed	✓
97959	16T8U6/840/DIR/R	32W	120-277V	16	2,200	4000K	82	138	0.9	<20%	160°	Yes	Enclosed	✓
97960	16T8U6/850/DIR/R	32W	120-277V	16	2,250	5000K	82	141	0.9	<20%	160°	Yes	Enclosed	✓

* Please refer to www.greencreative.com for complete ballast / dimmer compatibility list

** Please visit www.greencreative.com for Limited Warranty terms.

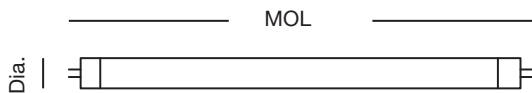


DIRECT T8 (UL Type A)

BALLAST PERFORMANCE							
Model	Ballast Factor	Bare Lamp Wattage	System Wattage	3000K Lumens	3500K Lumens	4000K Lumens	5000K Lumens
8T8/2F/xxx/DIR/RC	Low Ballast Factor (0.77)	8	10	1,100	1,100	1,100	1,100
	Normal Ballast Factor (0.88)	8	10.5	1,300	1,300	1,300	1,300
	High Ballast Factor (1.15)	8	16	1,750	1,750	1,750	1,750
8T8/3F/xxx/DIR/RC	Low Ballast Factor (0.77)	8	10	1,000	1,000	1,050	-
	Normal Ballast Factor (0.88)	8	10.3	1,200	1,200	1,250	-
	High Ballast Factor (1.15)	8	16	1,600	1,600	1,650	-
10.5T8/4F/xxx/DIR/RD	Low Ballast Factor (0.77)	10.5	11	1,300	1,300	1,350	1,350
	Normal Ballast Factor (0.88)	10.5	13	1,650	1,650	1,700	1,700
	High Ballast Factor (1.15)	10.5	18.5	2,150	2,150	2,200	2,200
13T8/4F/xxx/DIR/RC	Low Ballast Factor (0.77)	13	13.8	-	1,600	1,750	1,750
	Normal Ballast Factor (0.88)	13	16	-	1,900	2,050	2,050
	High Ballast Factor (1.15)	13	23	-	2,500	2,700	2,700
16T8U6/xxx/DIR/R	Low Ballast Factor (0.77)	16	16	1,950	-	1,950	2,000
	Normal Ballast Factor (0.88)	16	18.5	2,200	-	2,200	2,250
	High Ballast Factor (1.15)	16	26.5	3,100	-	3,100	3,150

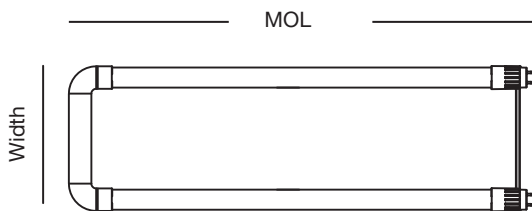
Note:
 1. Where xxx means 824-965 which indicates CRI and color temperature
 2. Test Method: Above system wattage is half the total system wattage of a 2-lamp installation using an instant start ballast. Wattage and lumen output will vary based on ballast and fixture type.
 Above data is indicative only.

DIMENSION & WEIGHT



Model	8T8/2F/xxx/DIR/RC	8T8/3F/xxx/DIR/RC	10.5T8/4F/xxx/DIR/RD 13T8/4F/xxx/DIR/RC
Base	G13	G13	G13
MOL	23-3/4"	35-3/4"	47-3/4"
Dia.	1-1/8"	1-1/8"	1-1/8"
Weight	0.36lb	0.37lb	0.67lb

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



Model	16T8U6/xxx/DIR/R
Base	G13
MOL	22-7/16"
Width	7-1/16"
Weight	0.56lb

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



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EXTENDED WARRANTIES***	
Model	Description****
8T8/2F/DIR/10YEARWARRANTY	10 Year warranty for 8T8/2F/8xx/DIR/yy
8T8/3F/DIR/10YEARWARRANTY	10 Year warranty for 8T8/3F/8xx/DIR/yy
10.5T8/4F/DIR/10YEARWARRANTY	10 Year warranty for 10.5T8/4F/8xx/DIR/yy
13T8/4F/DIR/10YEARWARRANTY	10 Year warranty for 13T8/4F/8xx/DIR/yy
16T8U6/DIR/10YEARWARRANTY	10 Year warranty for 16T8U6/8xx/DIR/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'