

High Efficiency T8 LED Replacement Lamps



FEATURES

- 4': 1800 & 2200 lumen options
- High Efficiency operation
- Beam Angle: 240°
- Compatible with most T8 electronic ballasts, 120-277V and 347V
- No warm-up time, instant on
- Long Life: 50,000 hours (L70)
- No fixture rewiring required
- Glass construction for optimum optical efficiency.
- Reduces energy by up to 40%
- Full light down to -4°F
- RoHS Compliant – Mercury Free
- No UV emissions
- 5 Year limited lamp warranty
- Ideal for frequent on/off switching
- Compatible with Emergency Ballasts
- NSF Listed
- DesignLights Consortium® qualified on select models.

Consult www.designlights.org/QPL for details

ORDERING GUIDE

Ordering Information										
Model Number	Ordering Code	Length	Base	CRI	CCT	Lumens	Beam Angle	Pkg Qty	DLC®	UPC Code
T8LDR2F8/835B	T8LDR2F8/835B25C	24"	G13	82	3500	1250	240°	25	Y	768386623045
T8LDR2F8/840B	T8LDR2F8/840B25C	24"	G13	82	4000	1250	240°	25	Y	768386623052
T8LDR2F8/850B	T8LDR2F8/850B25C	24"	G13	82	5000	1250	240°	25	Y	768386623069
T8LDR3F10/835B	T8LDR3F10/835B25C	36"	G13	82	3500	1400	240°	25	Y	768386686156
T8LDR3F10/840B	T8LDR3F10/840B25C	36"	G13	82	4000	1450	240°	25	Y	768386686163
T8LDR4F15/835B*	T8LDR4F15/835B25C	48"	G13	82	3500	2200	240°	25	Y	768386623106
T8LDR4F15/840B*	T8LDR4F15/840B25C	48"	G13	82	4000	2200	240°	25	Y	768386623113
T8LDR4F15/850B*	T8LDR4F15/850B25C	48"	G13	82	5000	2200	240°	25	Y	768386623120
T8LDR4F11/835B*	T8LDR4F11/835B25C	48"	G13	82	3500	1750	240°	25	Y	768386623076
T8LDR4F11/840B*	T8LDR4F11/840B25C	48"	G13	82	4000	1800	240°	25	Y	768386623083
T8LDR4F11/850B*	T8LDR4F11/850B25C	48"	G13	82	5000	1800	240°	25	Y	768386623090
T8LDR6U12/835B	T8LDR6U12/840B12C	U-22"	G13	82	3500	1700	240°	12	Y	76836651314
T8LDR6U12/840B	T8LDR6U12/840B12C	U-22"	G13	82	4000	1800	240°	12	Y	76836651321

- Lumens are nominal lumens with a .88 ballast factor ballast

* 4-foot B-Gen lamps being replaced by C-Gen Lamps, refer to C-Gen specification sheet

ADDITIONAL SPECIFICATIONS

Lamp Type:	Linear T8 + U-Bend
Bulb:	T8
Base:	Medium Bi-Pin (G13)
Color Rendering Index (CRI):	82
Rated Life:	L70 @ 50000 hours

Ambient Temperature:	-4°F to 113°F
Beam Angle:	240°
EMI/RFI:	FCC Part 18 - Non-Consumer
Warranty (Ballast Factor 1.0 and lower):	5 years
Warranty (Ballast Factor greater than 1.0):	4 years

PERFORMANCE DATA

Average System Performance		Bare Lamp Data		Watts/Lamp Ballast Factor			Lumens/Lamp Ballast Factor		
Description	Model Number	Power (Watts)	Efficacy (lm/W)	LBF (.77)	NBF (.88)	HB (1.18)	LBF (.77)	NBF (.88)	HB (1.18)
T8LED 8W 1250LM 2FT	T8LDR2F8/8xxB	8	156	9.3	10.4	14.3	1125	1250	1625
T8LED 10W 1450LM 3FT	T8LDR3F10/840B	10	145	10.8	12	N/A	1305	1450	N/A
T8LED 15W 2200LM 4FT	T8LDR4F15/8xxB	15.0	146	15.8	17.5	24.1	1980	2200	2840
T8LED 11W 1800LM 4FT	T8LDR4F11/8xxB	11.5	156	12.5	13.9	20.4	1620	1800	2330
U-Bend 12W 1800LM	T8LDR6U12/8xxB	12.0	142	14	16	22	1500	1800	2400

- xx represents CCT, xx=35 is 3500K, xx=40 is 4000K, xx=50 is 5000K

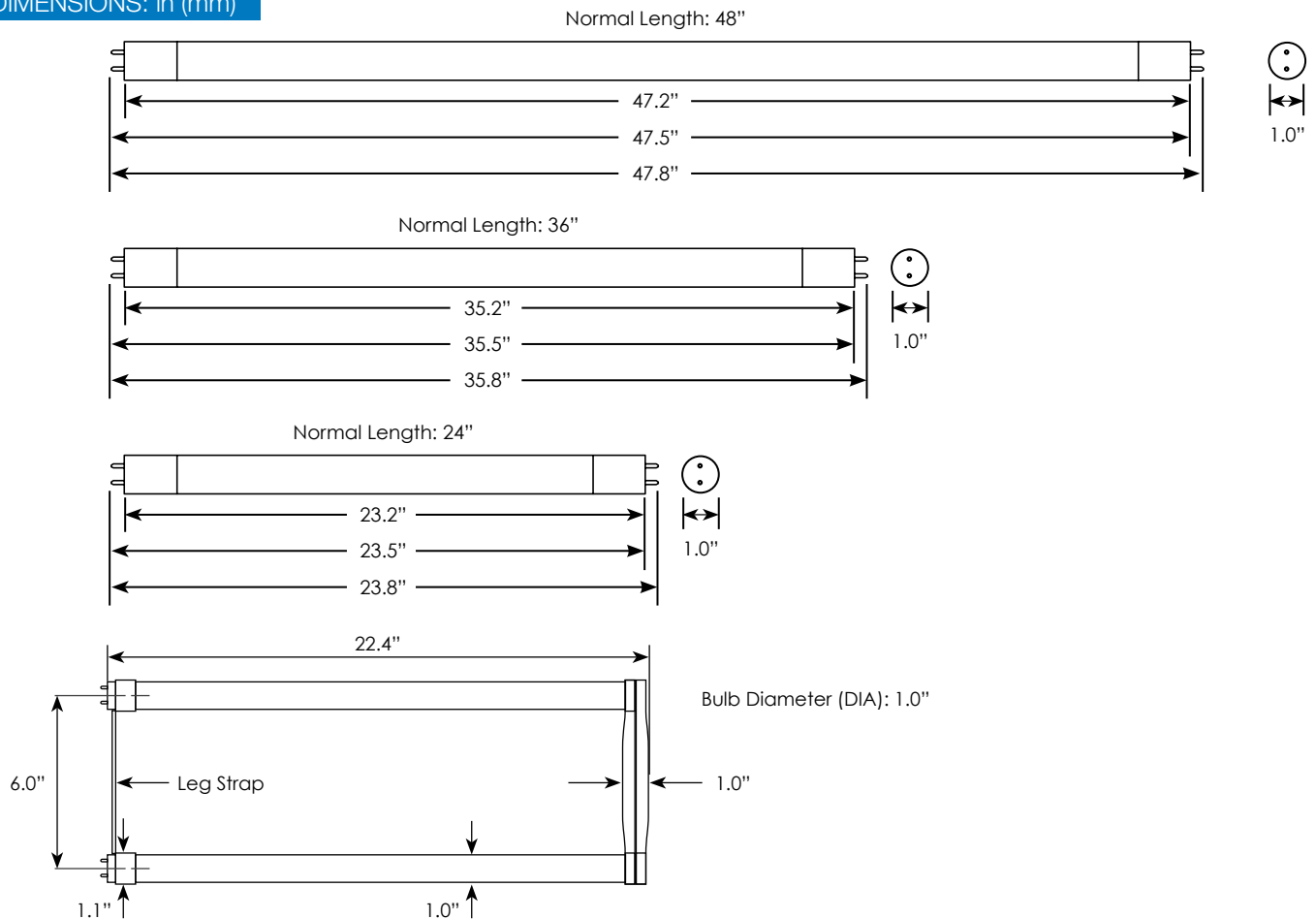
- Average performance per lamp based on 4000K

- Performance will vary based on lamp quantity and actual ballast used

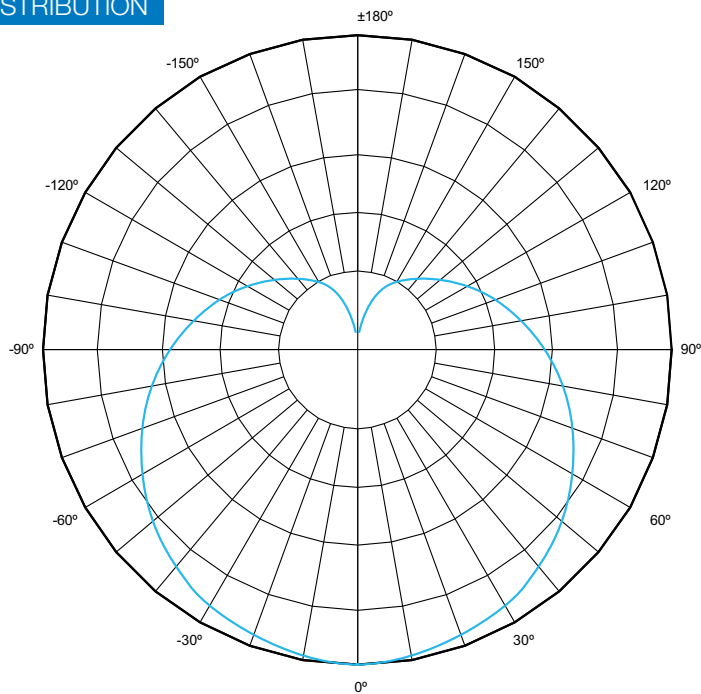
- Bare Lamp data is based on use with a .88 ballast factor ballast



DIMENSIONS: in (mm)



POLAR DISTRIBUTION



OPERATING NOTES:

- Lamp used as a direct replacement for fluorescent 4' T8 lamps with electronic ballasts only.
- Consult www.unvlt.com for compatible ballast list. Compatibility subject to change as additional ballasts are tested. Contact your Universal Lighting representative if you do not see your ballast on the compatibility list.
- Suitable for use in dry and damp environments
- Not for use with Magnetic ballasts
- Must follow installation guidelines provide with the lamp shipment.
- NSF Listed for Food Zone (Non-contact), Splash Zone, and Non-food Zone.