

Linear T8 LED Replacement Lamps



FEATURES

- 4': 1800 & 2200 lumen options
- Standard & High Efficiency options
- 3': 1450 lumens
- 2': 1150 lumens
- 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
- DesignLights Consortium™ Qualified
- RoHS Compliant – Mercury Free
- No UV emissions
- 5 Year limited lamp warranty
- Ideal for frequent on/off switching



ORDERING GUIDE

EXAMPLE: T8LDR4F14/840 & T8LDRF17/835

Ordering Information										
Model Number	Ordering Code	Length	Base	CRI	CCT	Lumens	Beam Angle	Pkg Qty	DLC	UPC Code
T8LDR4F17/835	T8LDR4F17/835A25C	48"	G13	82	3500	2200	240°	25	Y	768386603504
T8LDR4F17/840	T8LDR4F17/840A25C	48"	G13	82	4000	2200	240°	25	Y	768386603511
T8LDR4F17/850	T8LDR4F17/850A25C	48"	G13	82	5000	2200	240°	25	Y	768386603528
T8LDR4F15/835A	T8LD4F15/835A25C	48"	G13	82	3500	2200	240°	25	Y	768386614340
T8LDR4F15/840A	T8LD4F15/840A25C	48"	G13	82	4000	2200	240°	25	Y	768386614357
T8LDR4F15/850A	T8LD4F15/850A25C	48"	G13	82	5000	2200	240°	25	Y	768386614364
T8LDR4F14/835A	T8LDR4F14/835A25C	48"	G13	82	3500	1800	240°	25	Y	768386603535
T8LDR4F14/840A	T8LDR4F14/840A25C	48"	G13	82	4000	1800	240°	25	Y	768386603542
T8LDR4F14/850A	T8LDR4F14/850A25C	48"	G13	82	5000	1800	240°	25	Y	768386603559
T8LDR4F12/835A	T8LDR4F12/835A25C	48"	G13	82	3500	1800	240°	25	Y	768386614319
T8LDR4F12/840A	T8LDR4F12/840A25C	48"	G13	82	4000	1800	240°	25	Y	768386614326
T8LDR4F12/850A	T8LDR4F12/850A25C	48"	G13	82	5000	1800	240°	25	Y	768386614333
T8LDR3F11/835	T8LDR3F11/835A25C	36"	G13	82	3500	1450	240°	25	N/A	768386612384
T8LDR3F11/840	T8LDR3F11/840A25C	36"	G13	82	4000	1450	240°	25	N/A	768386612391
T8LDR2F9/835A	T8LDR2F9/835A25C	24"	G13	82	3500	1150	240°	25	Y	768386603566
T8LDR2F9/840A	T8LDR2F9/840A25C	24"	G13	82	4000	1150	240°	25	Y	768386603573
T8LDR2F9/850A	T8LDR2F9/850A25C	24"	G13	82	5000	1150	240°	25	Y	768386603580

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

ADDITIONAL SPECIFICATIONS

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

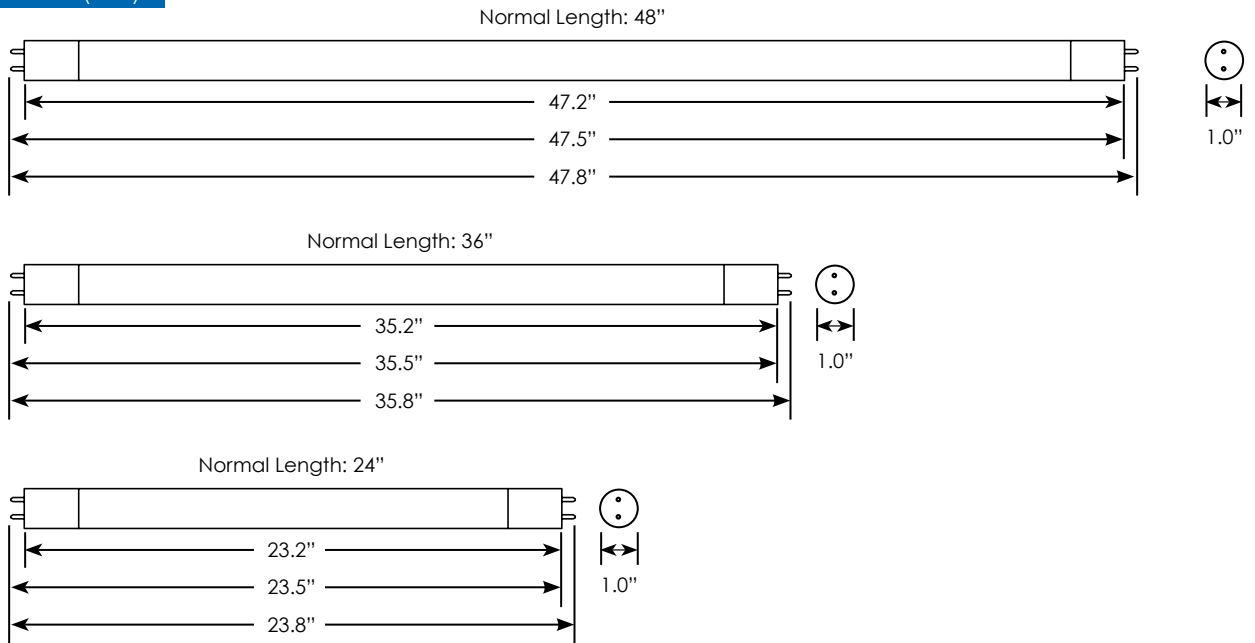
Ambient Temperature	-4°F to 113°F
Beam Angle	240°
EMI/RFI	FCC Part 18 - Non-Consumer
Warranty (Ballast Factor 1.0 and lower)	5 years
Warranty (Ballast Factor greater than 1.0)	4 years

PERFORMANCE DATA

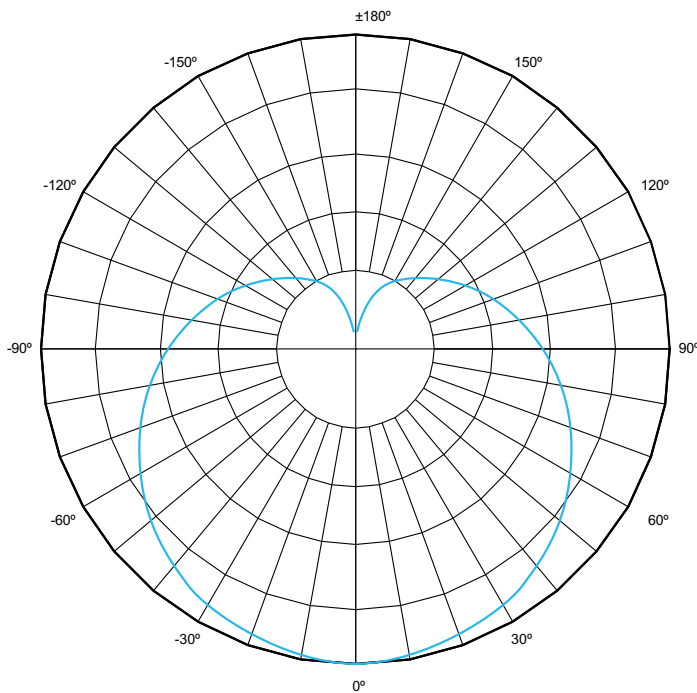
Average System Performance		Bare Lamp Data		Watts/Lamp Ballast Factor			Lumens/Lamp Ballast Factor		
Description	Model Number	Power (Watts)	Efficacy (lm/W)	LBF (.77)	NBF (.88)	HBF (1.18)	LBF (.77)	NBF (.88)	HBF (1.18)
T8LED17W 2200LM 4FT	T8LDR4F17/8xx	17	129	17	21	29	1860	2200	2950
T8LED14W 1800LM 4FT	T8LDR4F14/8xxA	14	129	15	17	23	1500	1800	2400
T8LED 11W 1450LM 3FT	T8LDR3F11/8xx	11	131	11	13	N/A	1190	1450	N/A
T8LED 1150LM 2FT	T8LDR2F9/8xxA	9	128	9	10	N/A	940	1150	N/A
T8LED 15W 2200LM 4FT	T8LDR4F15/850A	15.5	142	16	19	26	1860	2200	2950
T8LED 12W 1800LM 4FT	T8LDR4F12/835A	12.2	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
 - 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', 3', and 2' 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
- Not for use with emergency ballasts
- Must follow installation guidelines provide with the lamp shipment.