

High Efficiency T8 LED Replacement Lamps



FEATURES

- 4': 1650, 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	CCT	Lumens	Pkg Qty	DLC®	UPC Code
T8LDR2F8/835B	T8LDR2F8/835B25C	24"	3500K	1250	25	Y	768386623045
T8LDR2F8/840B	T8LDR2F8/840B25C	24"	4000K	1250	25	Y	768386623052
T8LDR2F8/850B	T8LDR2F8/850B25C	24"	5000K	1250	25	Y	768386623069
T8LDR3F10/835B	T8LDR3F10/835B25C	36"	3500K	1400	25	Y	768386686156
T8LDR3F10/840B	T8LDR3F10/840B25C	36"	4000K	1450	25	Y	768386686163
T8LDR4F10/835C	T8LDR4F10/835C25C	48"	3500K	1650	25	Y	768386688150
T8LDR4F10/840C	T8LDR4F10/840C25C	48"	4000K	1650	25	Y	768386688167
T8LDR4F10/850C	T8LDR4F10/850C25C	48"	5000K	1650	25	Y	768386688174
T8LDR4F12/835C	T8LDR4F12/835C25C	48"	3500K	1800	25	Y	768386680741
T8LDR4F12/840C	T8LDR4F12/840C25C	48"	4000K	1800	25	Y	768386680758
T8LDR4F12/850C	T8LDR4F12/850C25C	48"	5000K	1800	25	Y	768386680765
T8LDR4F15/830C	T8LDR4F15/830C25C	48"	3000K	2200	25	Y	768386703518
T8LDR4F15/835C	T8LDR4F15/835C25C	48"	3500K	2200	25	Y	768386680772
T8LDR4F15/840C	T8LDR4F15/840C25C	48"	4000K	2200	25	Y	768386680789
T8LDR4F15/850C	T8LDR4F15/850C25C	48"	5000K	2200	25	Y	768386680796
T8LDR6U12/835B	T8LDR6U12/835B12C	U-22"	3500K	1700	12	Y	76836651314
T8LDR6U12/840B	T8LDR6U12/840B12C	U-22"	4000K	1800	12	Y	76836651321

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

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

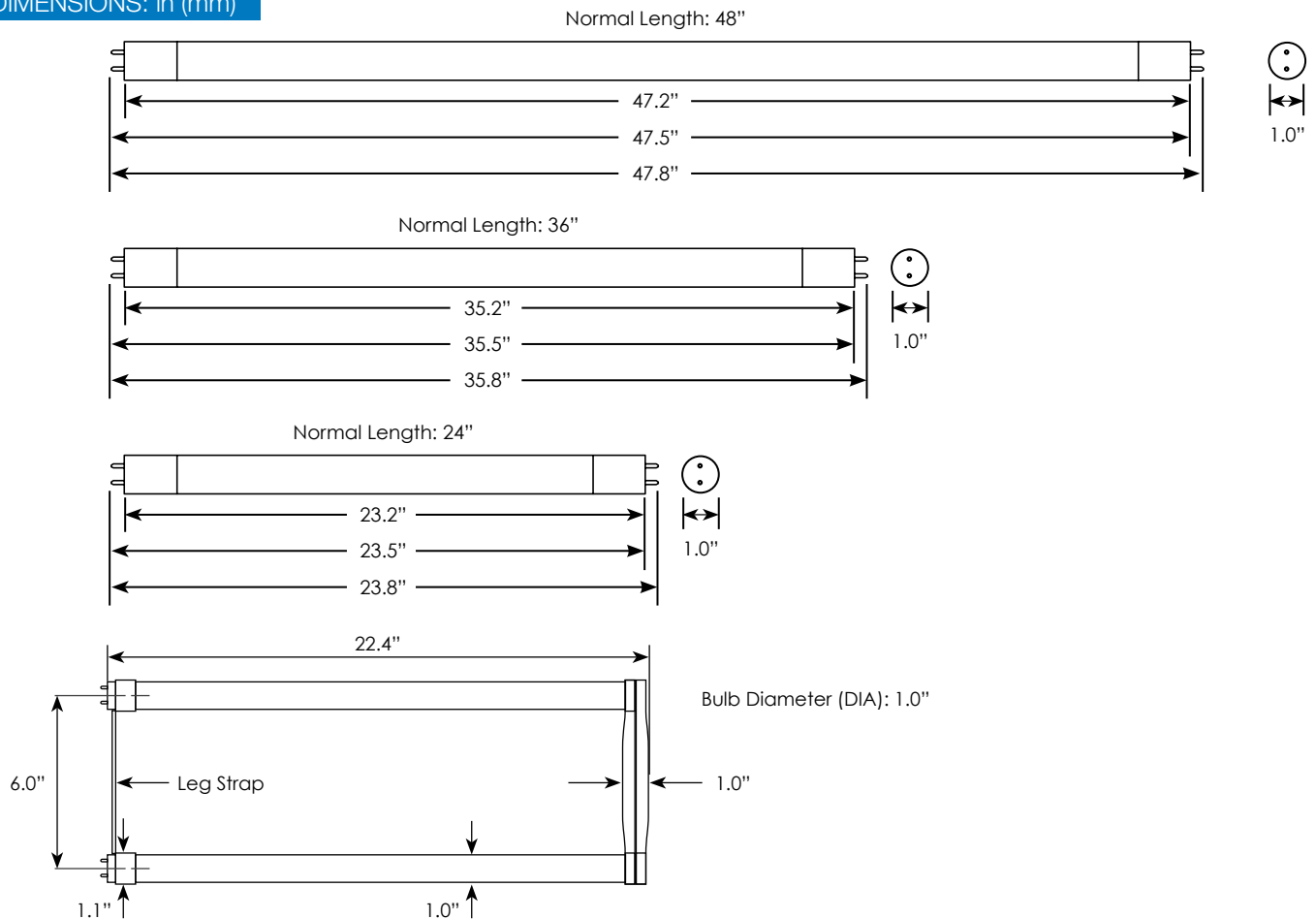
PERFORMANCE DATA

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 10W 1650LM 4FT	T8LDR4F10/8xxC	10.5	157	11.9	13.3	19.9	1485	1650	2135
T8LED 12W 1800LM 4FT	T8LDR4F12/8xxC	12	150	13.4	14.8	21.4	1620	1800	2330
T8LED 15W 2200LM 4FT	T8LDR4F15/8xxC	15.0	146	15.8	17.5	24.1	1980	2200	2840
U-Bend 12W 1800LM	T8LDR6U12/8xxB	12.0	142	14	16	22	1500	1800	2400

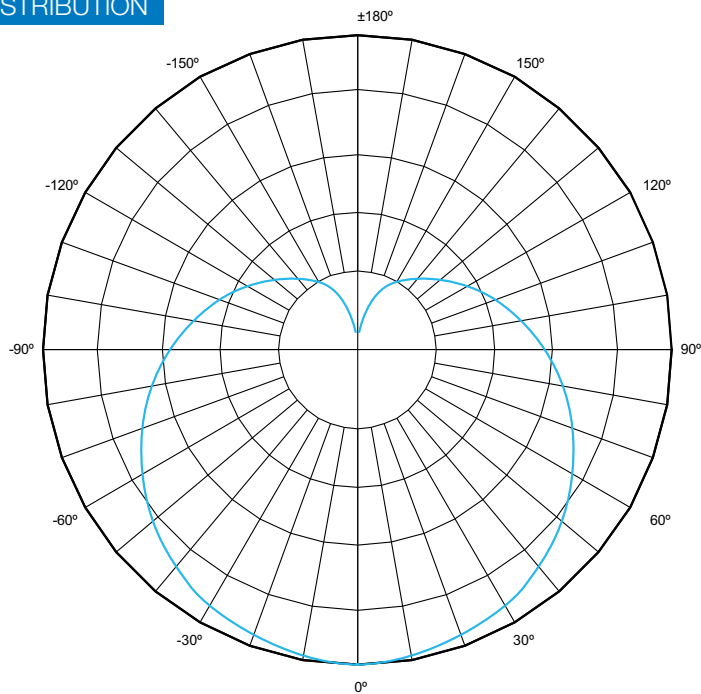
- xx represents CCT, xx=35 is 3500K, xx=40 is 4000K, xx=50 is 5000K
- Average performance per lamp based on 4000K
- Performance will vary based on lamp quantity and actual ballast used
- Bare Lamp data is based on use with a .88 ballast factor ballast



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.
- Lampholders must be shunted either internally or externally when using Instant start ballasts.