

LRx4T8

4' Tube & Driver Kit

MECHANICAL

- Retrofits 4ft fluorescent luminaires to LED
- Replaces existing fluorescent lamps and ballasts
- Uses existing lamp holders
- No redesign or revised layout needed

OPTICAL

- 240° Beam distribution for even illumination
- Three CCT options with CRI of 82

KIT INCLUDES

- LED T8 Modules
- LED Universal Douglas Driver – Pre-Tuned if applicable
- Wiring, connectors, installation instructions

ELECTRICAL

- Available as 120-277VAC or 347VAC
- Equipped with 0-10V dimmable LED driver to 1%
- LED System efficacies exceed 120 LPW

CERTIFICATIONS

- UL Classified UL 1598C (US & Canada)
- FCC Title 47 CFR, Part 15, Class A
- RoHS Compliant, contains no lead or mercury
- DesignLights Consortium® qualified on select models. Consult www.designlights.org for details

WARRANTY

- Six (6) year limited warranty

ORDERING GUIDE

EXAMPLE: LR34T8-66L840-10DU

Series	Lamp & Length	-	Nominal Lumens	CRI (nom.)	Color Temp.	-	Dimming	Voltage
LR = LED Retrofit	14T8 = 1L 4ft T8	-	22L = 2,200	8 = 82 (nom.)	35 = 3500K	-	10D = 0-10V Dimming	U = 120-277VAC 3 = 347VAC
	24T8 = 2L 4ft T8		44L = 4,400		40 = 4000K			
	34T8 = 3L 4ft T8		66L = 6,600		50 = 5000K			
	44Y8 = 4L 4ft T8		88L = 8,800					

ORDERING NOTES

- Orders are shipped in bundled quantities of 10 drivers and the corresponding number of tubes

DESIGNLIGHTS CONSORTIUM® QPL LISTED PRODUCTS

Model Number (1-Tube)	Model Number (2-Tube)	Model Number (3-Tube)	Model Number (4-Tube)
LR14T8-22L835-10DU	LR24T8-44L835-10DU	LR34T8-66L835-10DU	LR44T8-88L835-10DU
LR14T8-22L840-10DU	LR24T8-44L840-10DU	LR34T8-66L840-10DU	LR44T8-88L840-10DU
LR14T8-22L850-10DU	LR24T8-44L850-10DU	LR34T8-66L850-10DU	LR44T8-88L850-10DU

PERFORMANCE DATA

Model	Lumen Package	Input Power (Watts)	Input Current			System Output		Reference Luminaire	
			@120V	@277V	@347V	Delivered Lm (nom.)	LPW	Delivered Lm (nom.)	LPW
LR14T8	22L	19	0.16	0.05	0.06	2200	120		N/A
LR24T8	44L	36	0.30	0.10	0.10	4400	129	3328	95
LR34T8	66L	52	0.44	0.16	0.15	6600	126	5015	96
LR44T8	88L	70	0.59	0.21	0.20	8800	124	6616	95

- Performance data provided at 3500K.
- Reference Luminaire testing conducted by NVLAP accredited lab in accordance with IESNA LM-79.
- Consult factory for photometry.
- Application and performance information is subject to change without notification.

OPERATING DATA

L70 Lumen Maintenance:	>60,000 hrs at 40°C
Min. Starting Temp.:	0°C (32°F)
Sound Rating:	Class A
Power Factor:	>.98
THD	<20%

LED Driver		
Lm Package	LED Driver - UNV	LED Driver - 347
LR14T8-22L	D10CC30UNVPW-C @350mA	D700C20347PW-C @ 350mA
LR24T8-44L	D10CC30UNVPW-C @700mA	D10CC30347PW-C @ 700mA
LR34T8-66L	D15CC55UNVPW-C @1050mA	D15CC55347PW-C @ 1050mA
LR44T8-88L	D21CC80UNVPW-C @1400mA	D21CC80347PW-D @ 1400mA

LED Tube	
CCT	LED T8 Tube
3500K	LRT8M22L/835A
4000K	LRT8M22L/840A
5000K	LRT8M22L/850A

*Projected per IESNA TM-21. Data extrapolated based on 10,000 hours of LED testing per IESNA LM-80.

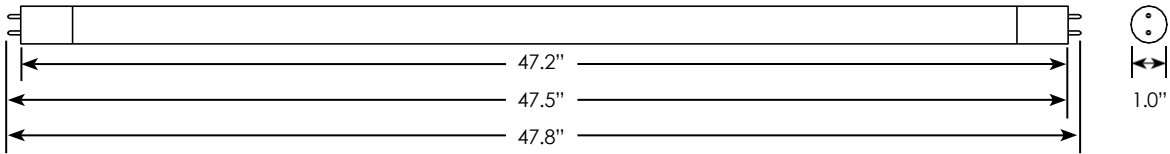
- Where "xx" = 35 (3500K), 40 (4000K), or 50 (5000K)
- Where "yyy" = UNV (120-277VAC) or 347 (347VAC)

APPLICATIONS

- All LED Tubes must be connected for proper operation.
- Not for use with phase cut dimmers.
- Suitable for 2'x4' with minimum 3" depth, may include a lens, and may be listed for elevated ambients of up to 40°C max in Type Non-IC or up to 25°C max in Type IC.
- Suitable for 4' or 8' strip light, wraparound, and vapor tight (see installation instructions for dimensions and max ambient).

PERFORMANCE DATA

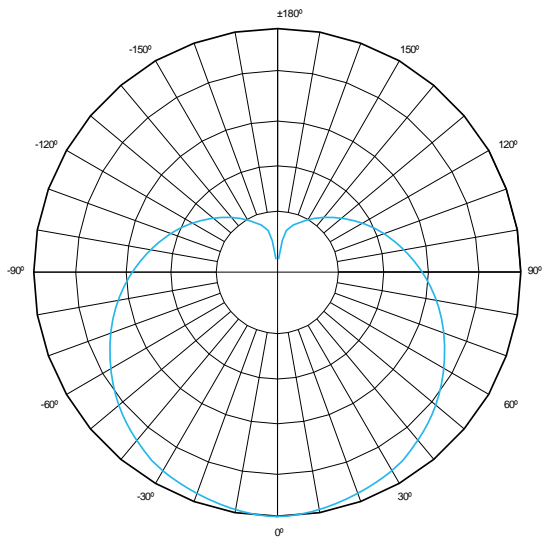
Normal Length: 48"



LED Driver Case Dimensions

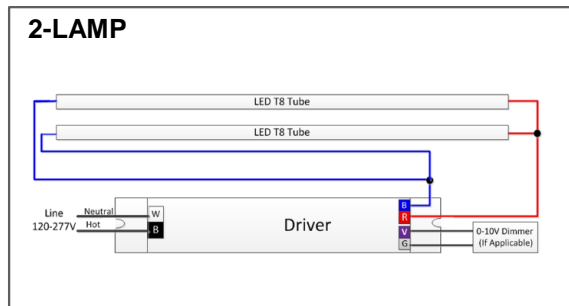
Case	Length	Width	Height	Mounting Length	Lead Exit
C	14.25"	1.18"	1.00"	13.75"	Side
D	16.88"	1.25"	1.00"	16.28"	Side

POLAR DISTRIBUTION

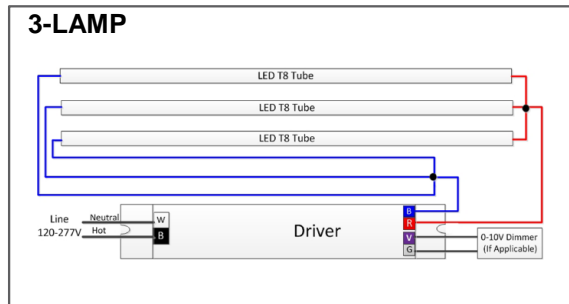


CONNECTION DIAGRAMS

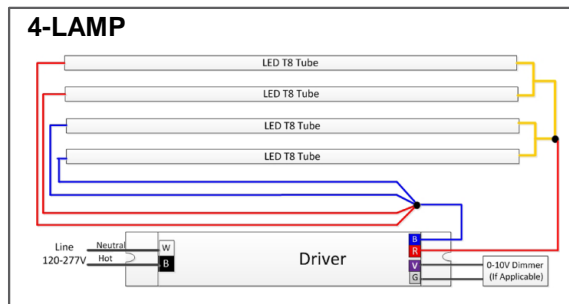
2-LAMP



3-LAMP



4-LAMP



Wiring Diagrams show existing wire colors from an instant start T8 system.