

LED T8 EXTERNAL DRIVER

EXTERNAL T8 SERIES

UL TYPE-C



PRODUCT DESCRIPTION:

MaxLite LED T8 with External Driver are the ideal energy saving choices when upgrading traditional linear T8 fluorescent lamps in fixtures containing standard G13 (medium bi-pin) sockets.

FEATURES:

- 19W @ 2,350 lumens, 124 lm/W
- Color Temperature available: 3500K, 4000K and 5000K
- Universal voltage: 120V-277V applications
- Instant on
- Beam angle: 150°
- Non dimmable
- Color Rendering Index (CRI): ≥ 80
- 50,000 hour life
- Polycarbonate lens, shatter resistant
- THD $\leq 20\%$
- High power factor: ≥ 0.90
- G13 medium bi-pin base
- Mercury free and virtually no UV or IR light
- Easy disposal
- L19T8EX4xx(DR1L), L19T8EX4xx(DR2L), L19T8EX4xx(DR3L) & L19T8EX4xx(DR4L) are DesignLights Consortium qualified product (xx = 35,40 and 50)
- Suitable for open or enclosed fixtures
- Suitable for dry and damp locations
- Five year limited warranty

APPLICATIONS:

- General illumination
- Cove lighting
- Display case
- High bay
- Parking garage



SPECIFICATIONS:

ITEM	SPECIFICATION	4 - FOOT - DETAILS
GENERAL PERFORMANCE	Power Consumption	19W
	Lumens Delivered	2,350
	Efficacy	124 lm/W
	CRI	≥80
	Beam Angle	150°
	Color Temperature (CCT)	3500K, 4000K & 5000K
	Lumen Maintenance (L70)	50,000 Hours
ELECTRICAL	Power Factor	≥ 0.90
	Input Voltage	120V-277V, 50/60 Hz
PHYSICAL	Operating Temperature	-4°F to 122°F
	Lens	Opal (Frosted)
	Base	Medium Bi-Pin (G13)
CERTIFICATION	Certification	DLC standard, UL Classified, LM80, FCC
	Material Usage	RoHS compliant; no mercury
	Environment	Dry or Damp
	Warranty	5 Years

Lighting layouts and spacing criteria available upon request


ORDERING (LED T8 TUBES):

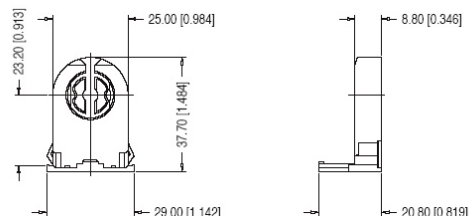
ORDER CODE	MODEL	WATTS	LUMENS	EFFICACY	CCT
4FT T8 TUBES					
107289	L19T8EX435	19	2,350	124 lm/W	3500K
107290	L19T8EX440	19	2,350	124 lm/W	4000K
107291	L19T8EX450	19	2,350	124 lm/W	5000K

ORDERING (T8 EXTERNAL DRIVERS - NON DIMMING):

ORDER CODE	MODEL	DESCRIPTION
DRIVERS FOR 4FT T8		
107292	DR1L	1 LAMP DRIVER FOR 4FT LED EXTERNAL T8
107293	DR2L	2 LAMP DRIVER FOR 4FT LED EXTERNAL T8
107294	DR3L	3 LAMP DRIVER FOR 4FT LED EXTERNAL T8
107295	DR4L	4 LAMP DRIVER FOR 4FT LED EXTERNAL T8

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
73978	G13LPNS	G13 Low Profile Non-Shunted Lamp Holder	



Specifications are subject to change without notice.

4FT EXTERNAL DRIVERS SPECIFICATIONS - NON DIMMING

MODEL		DR1L	DR2L	DR3L	DR4L	
INPUT CONDITION	ORDER CODE	107292	107293	107294	107295	
	RATED INPUT VOLTAGE (V)	120-277	120-277	120-277	120-277	
	INPUT FREQUENCY (HZ)	50/60	50/60	50/60	50/60	
	INPUT POWER (W)	Maximum	22	44	66	88
		Typical	20	40	60	80
		Minimum	18	36	54	72
	POWER FACTOR (%)	Maximum				
Typical		0.9	0.9	0.9	0.9	
Minimum		0.87 (277Vac)	0.87 (277Vac)	0.87 (277Vac)	0.87 (277Vac)	
INRUSH CURRENT	50Apk-pk	50Apk-pk	50Apk-pk	50Apk-pk		
OUTPUT CONDITIONS	OUTPUT CHANNEL	1	2	3	4	
	OUTPUT VOLTAGE (V)	Maximum	67	67	67	67
		Typical				
		Minimum	57	57	57	57
	OUTPUT CURRENT (mA)	Maximum	310 x 1	310 x 2	310 x 3	310 x 4
		Typical	285 x 1	285 x 2	285 x 3	285 x 4
Minimum		260 x 1	260 x 2	260 x 3	260 x 4	
ENVIRONMENT REQUIREMENTS	STORAGE TEMPERATURE F° (°C)	Maximum	158° (70°C)	158° (70°C)	158° (70°C)	158° (70°C)
		Typical	77° (25°C)	77° (25°C)	77° (25°C)	77° (25°C)
		Minimum	-4° (-20°C)	-4° (-20°C)	-4° (-20°C)	-4° (-20°C)
	OPERATING TEMPERATURE F° (°C)	Maximum	122° (50°C)	122° (50°C)	122° (50°C)	122° (50°C)
		Typical	77° (25°C)	77° (25°C)	77° (25°C)	77° (25°C)
		Minimum	-4° (-20°C)	-4° (-20°C)	-4° (-20°C)	-4° (-20°C)
	STORAGE HUMIDITY (%)	Maximum	80	80	80	80
		Typical				
		Minimum	0	0	0	0
	OPERATING HUMIDITY (%)	Maximum	80	80	80	80
		Typical				
		Minimum	0	0	0	0
OUTPUT SHORT CIRCUIT PROTECTION	Yes	Yes	Yes	Yes		
OUTPUT OPEN CIRCUIT PROTECTION	Yes	Yes	Yes	Yes		
WEIGHT: LBS (G)	0.41lbs (187g)	0.53 lbs (242g)	0.63 lbs (289g)	0.75 lbs (344g)		

4FT EXTERNAL DRIVER DIMENSIONS

