

### FEATURES

- Small profile linear LED light source in an open strip.
- Fits easily into small confined spaces for direct or indirect cove and valence lighting. Displays and cabinets are evenly illuminated with linear design.
- Nominal 2Ft., 4Ft., and 8Ft. modules are perfect for row applications producing uninterrupted continuous light.
- Digital LED technology provides high efficacy and energy efficiency
- CRI greater than 80
- Lumen maintenance; Reporter L70 (hours) & L80 (hours) > 60,00.
- Fixture lumens per watt ratios up to 148.
- American made.

Fixture type:

Job information:

### LUMEN PACKAGE

Nominal Length (FT)	Nominal Lumen Package	Color	Fixture Power (W)	Lumens	Fixture LPW	Standby EM	
2FT	2300	30K	17	2260	133	—	
	2300	35K	17	2284	134	—	
	2300	40K	17	2381	140	—	
	2300	50K	17	2405	141	—	
	3200	30K	25	3077	123	—	
	3200	35K	25	3110	124	—	
	3200	40K	25	3241	130	—	
	3200	50K	25	3273	131	—	
	4FT	3300	23	3201	139	✓	
	3300	35K	23	3235	141	✓	
4FT	3300	40K	23	3371	147	✓	
	3300	50K	23	3405	148	✓	
	4000	30K	29	3839	132	✓	
	4000	35K	29	3880	134	✓	
	4000	40K	29	4044	139	✓	
	4000	50K	29	4084	141	✓	
	6400	30K	50	6154	123	✓	
	6400	35K	50	6219	124	✓	
	6400	40K	50	6481	130	✓	
	6400	50K	50	6547	131	✓	
	8FT	6000	30K	42	5753	137	✓
	6000	35K	42	5814	138	✓	
	6000	40K	42	6059	144	✓	
	6000	50K	42	6120	146	✓	
	8000	30K	57	7679	135	✓	
	8000	35K	57	7761	136	✓	
	8000	40K	57	8087	142	✓	
	8000	50K	57	8169	143	✓	
	12800	30K	100	12308	123	✓	
	12800	35K	100	12438	124	✓	
	12800	40K	100	12962	130	✓	
	12800	50K	100	13094	131	✓	

Actual wattage may differ by +/- 5% when operating between 120V-277V +/- 10%.



### PRODUCT DEFINITION SHEET

Ex: **LS-T-4-4000-35K-1%-UNI-EM10**

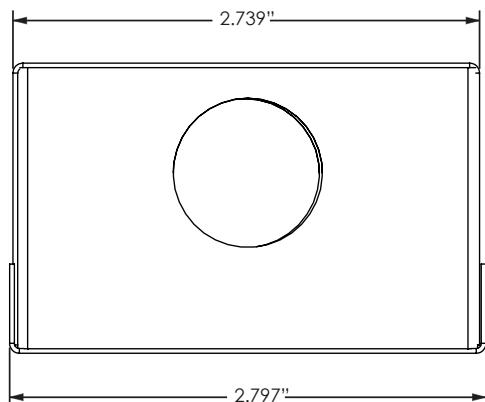
1      2      3      4      5      6      7

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1	2	3	4	5
SERIES	NOMINAL LENGTH (FT)	NOMINAL LUMENS	COLOR TEMP-CCT	DRIVER
<input type="checkbox"/> LS-T	<input type="checkbox"/> 2      24" L Length <input type="checkbox"/> 4      48" L Length <input type="checkbox"/> 8      96" L Length Custom Lengths or Rows Consult Factory.	24" L <input type="checkbox"/> 2300 <input type="checkbox"/> 3200 48" L <input type="checkbox"/> 3300 <input type="checkbox"/> 4000 <input type="checkbox"/> 6400 96" L <input type="checkbox"/> 6000 <input type="checkbox"/> 8000 <input type="checkbox"/> 12800	<input type="checkbox"/> 30K      3000K <input type="checkbox"/> 35K      3500K <input type="checkbox"/> 40K      4000K <input type="checkbox"/> 50K      5000K Upon Request	<input type="checkbox"/> 1% 0-10V 1% Dimming
			Custom Lumen Package Contact Factory. Maximum Lumen packages for Cove and Tight installations 2400/2Ft, 4800/4Ft, 9600/8Ft.	

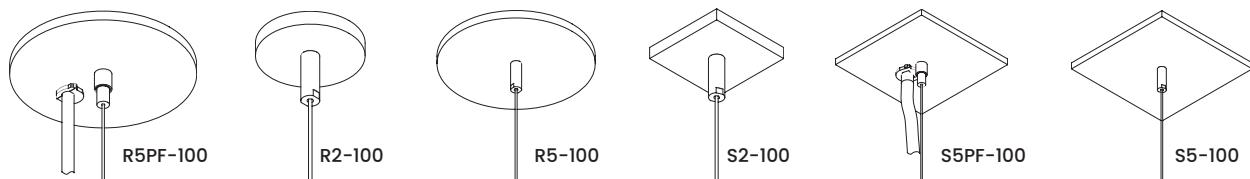
6	7
VOLTAGE	STANDBY MODULES
<input type="checkbox"/> UNI 120V-277V	<input type="checkbox"/> EM10 Emergency Battery 10W <input type="checkbox"/> EM10 BSL310 (Phillips) Emergency Battery 10W <input type="checkbox"/> EM12 Emergency Battery 12W <input type="checkbox"/> NO OPTION
	Available on 4ft. and 8ft. Modules only.

### CROSS SECTION



### HANGING ACCESSORIES

#### CABLE SETS



PART #	DESCRIPTION
R5PF-100	Round 5" power feed canopy, Hanging hardware, 100" long 1/16" cable.
S5PF-100	Square 5" power feed canopy, Hanging hardware, 100" long 1/16" cable.
R5-100	Round 5" canopy, Hanging hardware, 100" long 1/16" cable.
R2-100	Round 2" canopy, Hanging hardware, 100" long 1/16" cable.
S5-100	Square 5" canopy, Hanging hardware, 100" long 1/16" cable.
S2-100	Square 2" canopy, Hanging hardware, 100" long 1/16" cable.
VH-XX	"V" Hanger w/XX=48'L or 72'L Chain & "S" Hook
CPYS-1	S-1 Single Stem 5" Dia. Canopy
STMXX	XX= 12", 24", 48" Stem/ 3/8"

Other cable lengths available. Consult factory.

#### HOUSINGS

Fabricated form code grade cold rolled steel with a white polyester finish for long lasting durability.

Sufficient electrical knockouts are provided on the housing back and ends.

#### LED MODULES

High performance linear configured LED module boards. Each board consists of multiple mid-power, high efficacy LEDs in a precise layout eliminating the need for supplemental heat sinking.

The boards produce an even and diffuse light which maximizes optical efficiency.

Compatible with the dimming performance of the LED driver. Color temperatures available: 3000K, 3500K, 4000K and 5000K

#### LED DRIVERS

Factory programmable constant current LED power supply. Multiple standard drive current outputs (factory set by Mercury) are cataloged with their corresponding lumen package offerings. Upon request, custom drive current outputs and lumens-per-foot options are available.

Note: Certain cataloged lumen packages may be provided with a non-programmable constant current LED power supply at Mercury's discretion. Contact factory if critical.

Universal voltage input, 120V-277V, 50HZ-60HZ.

Specification grade continuous dimming capability down to 1% on 0-10V dimming controls.

#### LED LUMEN PACKAGES

Cataloged standard lumen packages. See attached chart for full details.

Custom lumen packages pre-set are optional with programmable drivers only. Contact factory for details.

For cove and other confined space installations lower lumen packages are recommended. Maximum lumen packages; 2400/2Ft, 4800/4Ft, 9600/8Ft.

#### STANDBY LIGHTING OPTION

Self-contained module, 10W, or 12W as specified. Battery backup upon loss of power.

Available 4Ft. and 8Ft. modules only.

#### INSTALLATIONS

May be installed in any direction, individually or in continuous run applications.

May be surface mounted or suspended.

End knockouts for surface conduit entry.

#### CERTIFICATE OF SAFETY COMPLIANCE AND LISTINGS

Luminaire: UL and CUL listed 1598 and bears their label. Suitable for damp locations.

#### WARRANTY

5-year limited warranty is standard. Complete LED warranty terms available at [www.mercltg.com](http://www.mercltg.com).

Actual performance may differ as a result of end-user environment and application.