



L68 SERIES

Decorative Linear LED Luminaire

Fixture Type: _____

Job Information: _____

SPECIFICATIONS:

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 and 4000K.
- Upon request: 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 lumen packages are available.
- Universal voltage input, 120V-277V, 50HZ-60HZ.
- Specification grade dimming down to 10% on 0-10V dimming controls.
- Optional pre-configured drive current drivers are available. Non-dimming.

LED LUMEN PACKAGES:

- Cataloged standard lumen packages. See attached chart for full details.
- Custom lumen packages pre-set are optional. Contact factory for details.

HOUSING:

- Fabricated from heavy gauge code grade cold rolled steel with housing ends welded into place. White powder coating finish for long lasting durability.
- Vented housing for additional heat management.
- Housing cover is formed with a recessed trough to protect the LED module boards which are securely fastened down to the cover. Hinges down for easy installation or maintenance or may be easily removed. Cover securely screws to the housing in its closed position.
- Sufficient electrical knockouts are provided on the housing back.

DIFFUSER:

- One-piece diffuser is fabricated from extra-thick 100% smooth white acrylic material with a mixture of DR added for durability and long lasting service.
- Allows maximum light transmission while eliminating pixilations.
- An inconspicuous white-headed thumbscrew at each end threads into the housing to securely hold the diffuser in place.

STANDBY LIGHTING OPTION:

- Self contained module, 5W, 7W, 10W or 12W as specified. Battery backup upon loss of power. Available 4Ft. modules only.

INSTALLATIONS:

- Suitable for individual surface ceiling mounting.
- If desired, may be wall mounted.
- No provisions available for surface conduit.

CERTIFICATE OF SAFETY

COMPLIANCE AND LISTINGS:

- Luminaire: UL and CUL listed 1598 and bears their label. Suitable for dry locations or optional damp locations with UL Damp Label.

WARRANTY:

- 2-year limited warranty. Complete LED warranty terms available at www.mercltg.com.
- Actual performance may differ as a result of end-user environment and application.

FEATURES:

- Decorative linear ambient LED surface ceiling luminaire.
- Cloud-like smooth white acrylic diffuser envelopes the LED light source.
- High diffusion lens allows maximum light transmission while eliminating pixilation and hot spots.
- Nominal 2Ft. or 4Ft. long modules.
- Digital LED technology provides high efficacy and energy efficiency.
- Multiple power and light levels are offered as standard to allow meeting design and energy needs per application. Custom factory set levels available on request.
- Lumen maintenance; Reported L70 (hours) & L80 (hours) > 60,000 for Osram and ULT components.*
- CRI greater than 80.



**MERCURY
LIGHTING**
PRODUCTS CO. INC.

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ORDERING DATA: Fill in boxes below with corresponding bold options.

Example: L68-4-2100-35K-ASW-SXX-UNI-EM7

SERIES	NOMINAL LENGTH (FT)	NOMINAL LUMENS	COLOR TEMP	DIFFUSER	DRIVER*	VOLTAGE	OPTIONS
L68	2 4	Nom. 2Ft. 1000 1200 Nom. 4Ft. 2100 2300 XXXX Custom Lumen Package. Contact Factory.	30K 35K 40K 50K Upon Request	ASW	SXX <small>* Factory Selected Driver. Example: S50</small>	UNI	EM5 EM7 EM10 EM12 Available 4ft. Modules Only

LUMEN PACKAGE

SERIES	NOMINAL LENGTH (FT)	Nominal Lumen Package	Color	Fixture Power (W)	Delivered Lumens	Fixture LPW
L68	2					
		1000	3000K	26	1008	39
		1000	3500K	26	1058	41
		1000	4000K	26	1085	42
		1000	5000K	26	1132	44
		1200	3000K	30	1125	38
		1200	3500K	30	1181	40
		1200	4000K	30	1211	41
		1200	5000K	30	1263	43

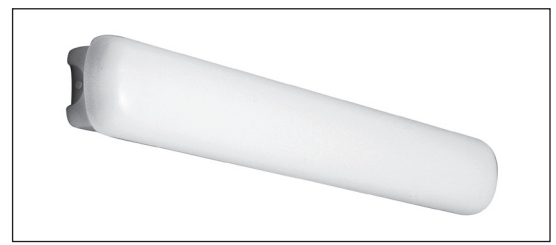
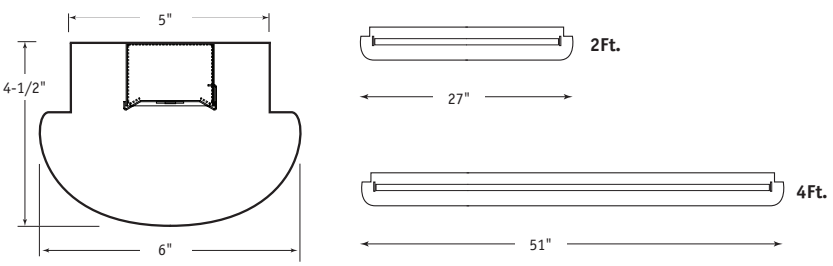
SERIES	NOMINAL LENGTH (FT)	Nominal Lumen Package	Color	Fixture Power (W)	Delivered Lumens	Fixture LPW
L68	4					
		2100	3000K	51	2015	39
		2100	3500K	51	2116	41
		2100	4000K	51	2170	42
		2100	5000K	51	2263	44
		2300	3000K	57	2184	38
		2300	3500K	57	2293	40
		2300	4000K	57	2352	41
		2300	5000K	57	2453	43

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

PHOTOMETRICS:

All photometric reports are available at www.mercltg.com.

CROSS SECTION & SIDE VIEW:



Wall Mount Orientation



* Lumen maintenance; Reported L70 (hours) & L80 (hours) > 36,000 for Advance components.