

LI6 SERIES

**HIGH LUMEN INDUSTRIAL
HIGH-BAY LED LUMINAIRE
DIFFUSER ENCLOSED LED DESIGN**



FEATURES

- Industrial style linear ambient LED luminaire.
- Mid to high lumen packages.
- Full reflector design adds shielding to cut glare without reducing performance.
- Intended for the medium to higher ceilings found in warehouses, storage facilities, big box retailing and gymnasiums.
- For new installations or direct replacements for older HID or fluorescent luminaires.
- Nominal 4Ft. module offers lumen packages up to 12,000 lumens.
- 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.
- No maintenance required as LED luminaires require no re-lamping efforts. Extremely important with intended higher mounting heights.
- Lumen maintenance; Reported L70 (hours) & L80 (hours) > 60,000.
- CRI greater than 80.
- Fixture lumens per watt ratios up to 166.
- American Made.

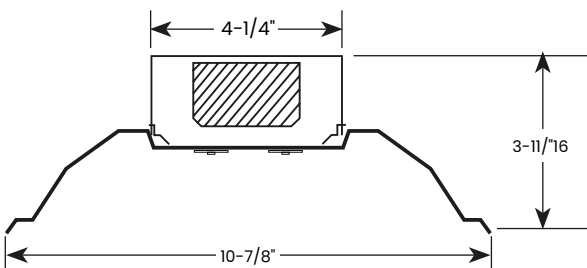
PERFORMANCE

Nominal Lumen Package	Color	Fixture Power (W)	Delivered Lumens	Fixture LPW
4500	3500K	28	4404	157
4500	4000K	28	4545	162
5600	3500K	34	5481	161
5600	4000K	34	5656	166
8000	3500K	50	7843	157
8000	4000K	50	8096	162
12,000	3500K	80	11,876	148
12,000	4000K	80	12,257	153

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



CROSS SECTION



Fixture type:	Job information:

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PRODUCT DEFINITION SHEET

Ex: LI6-4-8000-35K-1-U-EM10-O1



1	2	3	4	5
SERIES	NOMINAL LENGHT (FT)	NOMINAL LUMENS	COLOR TEMP-CCT	DRIVER
<input type="checkbox"/> LI6	<input type="checkbox"/> 4 48" Length	<input checked="" type="checkbox"/> 48" L <input type="checkbox"/> 4500 <input type="checkbox"/> 5600 <input type="checkbox"/> 8000 <input type="checkbox"/> 12,000	<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 <input type="checkbox"/> - As specified
6	7	8		
VOLTAGE	STANDBY LIGHTING OPTIONS	OPTIONS		
<input type="checkbox"/> U Uni 120VAC-277VAC	<input type="checkbox"/> EM10 Emergency Battery Pack 10W <input type="checkbox"/> EM12 Emergency Battery Pack 12W <input type="checkbox"/> NO OPTION	<input type="checkbox"/> O1 Levitan OSFHU or equal Occupancy Sensor 360 Degree Lens Inst. Aisle Pattern Incl.		

HANGING ACCESSORIES

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" Hock
CPYS-1	S-1 Single Stem 5" Dia. Canopy
STMXX	XX=12"L, 24"L, 48"L Stem/ 3/8" IPS-5/8" OD
ACXX	Aircraft Cable/XX= 48"L, 96"L, 150"L
CH-18	Y-shaped 18"L Cable/Paddle Hanger
CH	Clamp Hanger

Other cable and stem lengths available. Consult factory.

ACCESSORIES

PART #	DESCRIPTION
WG-MIE	11GA. Wire Guard 48"L, Chrome Finish



Clamp Hanger



Wire Guard



V-Hanger

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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 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 lumen packages 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 dimming 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.

HOUSING

- Fabricated from code grade cold rolled steel with a white polyester finish for long lasting durability. Housing ends and parts are held into place with a combination of rivets and screws.
- Precision formed multi-bend reflector attaches with screws.
- Sufficient electrical knockouts are provided on the housing back and ends.

OPEN LED DESIGN

- Intended use with open LED modules maximizes lumen output.
- LED boards are securely screwed to reflector.
- Wire guards are available for led protection.

STANDBY LIGHTING OPTION

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

OPTIONAL OCCUPANCY SENSOR

- Self-contained sensor (Leviton #OSFHU or equal) mounts directly to luminaire.
- Passive infrared (PIF) technology for individual luminaire control.

INSTALLATIONS

- May be surface mounted or suspended from the ceiling, individually or in continuous run applications.
- If suspended, intended to be supported on aircraft cable chain stems.
- Optional wired-in flex, cord and plug sets, and twist-lock plug sets.

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. Special 10-year warranty available on a job-to-job basis. Complete LED warranty terms available at www.mercltg.com
- Actual performance may differ as a result of end-user environment and application.
- Most LED luminaires are suitable to operate in ambient temperatures from -20C (-4F) to 25C (77F).
- The following exclusions apply: Luminaires with standby lighting option, integral lighting controls options, or wireless control options. Consult factory.
- LM-79 testing was measured under a controlled 25C (77F) ambient operating temperature.

PHOTOMETRICS

- All photometrics reports are available at www.mercltg.com