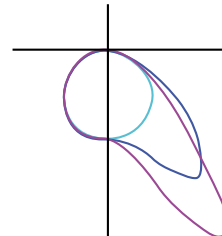
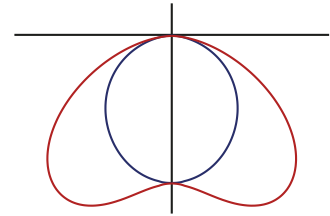


STACK LIGHT DATA CENTER LUMINAIRES

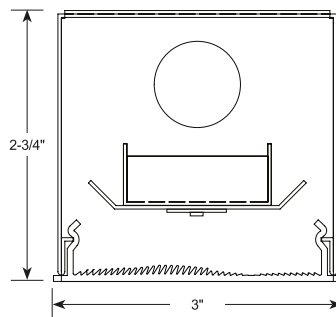


Asymmetric

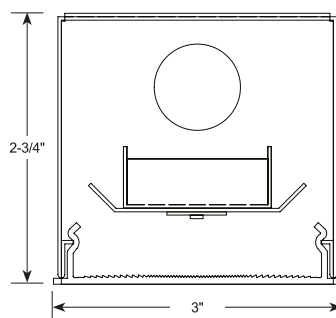


Batwing

ASYMMETRIC



BATWING



Fixture type:

Job information:

FEATURES

- Shallow square profile linear ambient LED luminaire.
- Flat snap-in style acrylic diffuser closes off the bottom of the housing and the LED light source.
- Compact design complies with all ADA requirements for public areas.
- Custom formulated high diffusion acrylic material allows for maximum light transmission while eliminating pixilation and hot spots.
- Optional integral side reflectors add both function and architectural contour.
- Nominal 2Ft, 4Ft. or 8Ft. 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.
- CRI greater than 80.
- Tunable white feature optional.
- Fixture lumens per watt ratios up to 125.
- American Made.

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

Other cable and stem lengths available. Consult factory.

PRODUCT DEFINITION SHEET

Ex: LW3-4-500-30K-AS-1%-UNI-SR-EM12-O7

1	2	3	4	5	6	7	OPTIONS		
							8	9	10

1	2	3	4	5
SERIES	NOMINAL LENGTH (FT)	NOMINAL LUMENS	COLOR TEMP	DIFFUSER
<input type="checkbox"/> LW3 Architectural Linear Ambient LED Luminaire	<input type="checkbox"/> 2 24" Length <input type="checkbox"/> 4 45" Length <input type="checkbox"/> 8 96" Length	2FT <input type="checkbox"/> 2,100 <input type="checkbox"/> 2,300 <input type="checkbox"/> 2,500 <input type="checkbox"/> 3,200 4FT <input type="checkbox"/> 2,100 <input type="checkbox"/> 3,800 <input type="checkbox"/> 4,500 <input type="checkbox"/> 5,000 <input type="checkbox"/> 6,000 8FT <input type="checkbox"/> 7,600 <input type="checkbox"/> 12,000	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K Upon request <input type="checkbox"/> TW 27K-65K	<input type="checkbox"/> AS Asymmetric <input type="checkbox"/> BW Batwing

6	7	8	9	10
DRIVER	VOLTAGE	SIDE REFLECTORS	STANDBY MODULES	INTEGRAL LIGHTING CONTROLS
<input type="checkbox"/> 1% 0-10V 1% Dimming <input type="checkbox"/> - As Specified	<input type="checkbox"/> UNI Uni 120-277V	<input type="checkbox"/> SR Symmetric Function Set of 2 Side Reflectors <input type="checkbox"/> AR Asymmetric Function 1 Side Reflector <input type="checkbox"/> SRA Symmetric Function Aperture Reflectors	<input type="checkbox"/> EM10 <input type="checkbox"/> EM12* *Available 4ft. and 8ft. modules only.	<input type="checkbox"/> O4 Wattstopper FS-155-1 mounts internally with mounts internally with visible. <input type="checkbox"/> O7 Leviton ZLS05-ILW mounts internally with only the PIF dome visible.

ASYMMETRIC PERFORMANCE

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%.
Consult Factory for 90 CRI performances.

2FT				
Nominal Lumen Package	Color (K)	Fixture Power (W)	Delivered Lumens	Fixture LPW
2,100	3,000	16	2,012	126
2,100	3,500	16	2,071	129
2,100	4,000	16	2,137	134
2,100	5,000	16	2,139	134
2,300	3,000	18	2,220	123
2,300	3,500	18	2,285	127
2,300	4,000	18	2,358	131
2,300	5,000	18	2,361	131
2,500	3,000	19	2,374	125
2,500	3,500	19	2,444	129
2,500	4,000	19	2,522	133
2,500	5,000	19	2,526	133
3,200	3,000	25	3,026	121
3,200	3,500	25	3,119	125
3,200	4,000	25	3,219	129
3,200	5,000	25	3,230	129

4FT				
Nominal Lumen Package	Color (K)	Fixture Power (W)	Delivered Lumens	Fixture LPW
2,100	3,000	15	2,029	135
2,100	3,500	15	2,083	139
2,100	4,000	15	2,145	143
2,100	5,000	15	2,145	143
3,800	3,000	28	3,604	129
3,800	3,500	28	3,706	132
3,800	4,000	28	3,825	137
3,800	5,000	28	3,826	137
4,500	3,000	34	4,285	126
4,500	3,500	34	4,409	130
4,500	4,000	34	4,551	134
4,500	5,000	34	4,556	134
5,000	3,000	38	4,747	125
5,000	3,500	38	4,887	129
5,000	4,000	38	5,045	133
5,000	5,000	38	5,054	133
6,000	3,000	50	5,953	119
6,000	3,500	50	6,136	123
6,000	4,000	50	6,333	127
6,000	5,000	50	6,353	127

8FT				
Nominal Lumen Package	Color (K)	Fixture Power (W)	Delivered Lumens	Fixture LPW
7,600	3,000	56	7,208	129
7,600	3,500	56	7,413	132
7,600	4,000	56	7,651	137
7,600	5,000	56	7,652	137
12,000	3,000	100	11,906	119
12,000	3,500	100	12,272	123
12,000	4,000	100	12,666	127
12,000	5,000	100	12,706	127

BATWING PERFORMANCE

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%.
Consult Factory for 90 CRI performances.

2FT				
Nominal Lumen Package	Color (K)	Fixture Power (W)	Delivered Lumens	Fixture LPW
2,100	3,000	16	1,978	124
2,100	3,500	16	2,036	127
2,100	4,000	16	2,101	131
2,100	5,000	16	2,103	131
2,300	3,000	18	2,165	120
2,300	3,500	18	2,228	124
2,300	4,000	18	2,300	128
2,300	5,000	18	2,300	128
2,500	3,000	20	2,355	118
2,500	3,500	20	2,425	121
2,500	4,000	20	2,503	125
2,500	5,000	20	2,508	125
3,200	3,000	24	2,831	118
3,200	3,500	24	2,918	122
3,200	4,000	24	3,012	126
3,200	5,000	24	3,022	126

4FT				
Nominal Lumen Package	Color (K)	Fixture Power (W)	Delivered Lumens	Fixture LPW
2,100	3,000	15	1,984	132
2,100	3,500	15	2,036	136
2,100	4,000	15	2,101	140
2,100	5,000	15	2,101	140
3,800	3,000	28	3,583	128
3,800	3,500	28	3,686	132
3,800	4,000	28	3,805	136
3,800	5,000	28	3,806	136
4,500	3,000	35	4,237	121
4,500	3,500	35	4,362	125
4,500	4,000	35	4,501	139
4,500	5,000	35	4,508	139
5,000	3,000	39	4,705	121
5,000	3,500	39	4,845	124
5,000	4,000	39	5,000	128
5,000	5,000	39	5,010	128
6,000	3,000	48	5,663	118
6,000	3,500	48	5,837	122
6,000	4,000	48	6,024	126
6,000	5,000	48	6,043	126

8FT				
Nominal Lumen Package	Color (K)	Fixture Power (W)	Delivered Lumens	Fixture LPW
7,600	3,000	58	7,157	123
7,600	3,500	58	7,362	127
7,600	4,000	58	7,600	131
7,600	5,000	58	7,602	131
12,000	3,000	96	11,326	118
12,000	3,500	96	11,674	122
12,000	4,000	96	12,048	126
12,000	5,000	96	12,086	126

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.
- 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.

TUNABLE WHITE OPTION

- Field tunable range 2700K through 6500K.
- 80CRI.

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 heavy gauge code grade cold rolled steel with a white polyester powder coating finish for long lasting durability.
- Housing ends are welded into place.
- Sufficient electrical knockouts are provided on the housing back and ends.

REFLECTOR OPTIONS

- Side reflectors are factory installed or can be field installed to the housing.
- May be used individually for oneside asymmetric function or in pairs for dual-side symmetric function.
- Aperture option; a series of architectural apertures allows a segment of up lighting.

DIFFUSER

- Flat profile snap-in style design.
- Extruded from custom formulated high transmission acrylic material.
- Linear ribbing for high LED performance.
- Optional white acrylic diffuser. Contact factory for full details.

STANDBY LIGHTING OPTION

- Self contained module 10W or 12W as specified. Battery backup upon loss of power. Available 4Ft. and 8Ft. modules only.

OPTIONAL INTEGRAL LIGHTING CONTROLS

- Self-contained motion sensors mount directly to luminaire.
- Passive infrared (PIF) technology for individual luminaire control.
- On/Off control with optional delay features.
- See ordering matrix for available sensors.
- System lighting controls available. Contact factory.

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. 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 photometric reports are available at www.mercltg.com