LEHL2EM

HAZARDOUS LOCATION

Chemical Processing ● Industrial ● Oil / Gas ● Shipyards / Marine ● Water Treatment

The LEHL2EM Series is a UL 924-certified emergency LED light fixture engineered for hazardous, marine, and wet locations. Offering a wide variety of lumen output and optic options along with an integral emergency this fixture series ensures safety and reliability for a wide variety of applications including chemical, industrial, marine and waste water to name a few.

LEHL2EM									
1	2	3	4	5	6	7	8	9	10

1 SERIES	2 SOURCE	3 VOLTAGE	4 CCT	5 OPTIC / BEAM
LEHL2EM	**L1:** 5,000 Lm (40W) **L2:** 7,000 Lm (50W) **L3:** 9,000 Lm (65W) **L4**:12,000 Lm (85W) **L5**:18,000 Lm (130W) **L6**:22,000 Lm (160W) **L7**:28,000 Lm (200W)	**V1:** 120-277V (50/60Hz)	**27:** 2,700K **3:** 3,000K **4:** 4,000K **5:** 5,000K **57:** 5,700K **65:** 6,500K	**V3:** TYPE V (30°) * **V6:** TYPE V (60°)* **T1:** TYPE I * **T3:** TYPE III * **T5:** TYPE V (110°) * Only available with Clear Glass or Clear Poly lens option
6 HAZ RATING	**7 LENS**	**8 COLOR**	**9 MOUNTING**	**10 EMERGENCY**
1: C1D2/C2D1/C3	**C:** Clear Glass **CP:** Clear Polycarbonate **D:** Diffused Glass **DP:** Diffused Polycarbonate **DL:** Drop Lens (Glass)	**PG:** Powder Coat Grey	**P:** Pendent & Ceiling (3/4" NPT) Can be Ceiling or Surface mounted without additional mounting accessories. Additional mounting options ordered separately, field installed.	**E1:** 3,000 Lm **E2:** 1,500 Lm

CERTIFICATIONS

UL844
- CI D2, Grps A, B, C, D
- CII D1, Grps E, F, G
- CII D2, Grps F, G
- CIII
- T-Code: C1D2 – T4A, C2D1 – T5

UL924
UL1598
UL1598A (Marine Outside Saltwater)
Lumen Maintenance (L70) >102,000 hrs@60° (calculated)
CRI>80
-Ambient -40°F ~ +140°F (-40°C ~ 60°C)
RH Ambient Humidity 5% to 95%
IK08 (Glass) IK10 (Polycarbonate)
IP66/67
FCC Part 15, Subpart B
3G Vibration Rating

CONSTRUCTION

Copper-free, corrosion resistant aluminum
Powder coat gray (RAL7037)
All exposed fasteners are 316 stainless steel
Thermal shock and impact resistant lenses
3/4" NPT hubs
- (1) Top / (4) Side w/ NPT plugs pre-installed

Weight: 28lbs

ELECTRICAL

120-277V
Dimming 0-10V
(Dimming leads capped inside driver housing)
10Kv surge protector Standard
3Ft. 3-Wire whip standard, factory installed

FEATURES

High lumen output up to 150 Lm/W
Salt Spray 720 hrs (ASTM B117)
Mounting: Pendent, Stanchion, Ceiling, Yoke, Wall
5 Year Warranty

Shown with 25° Stanchion Mount
(Mount ordered separately, field installed)

Shown with 90° Wall Mount
(Mount ordered separately, field installed)

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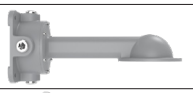
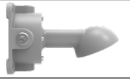
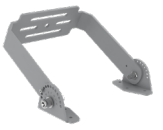
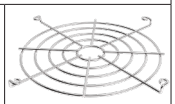
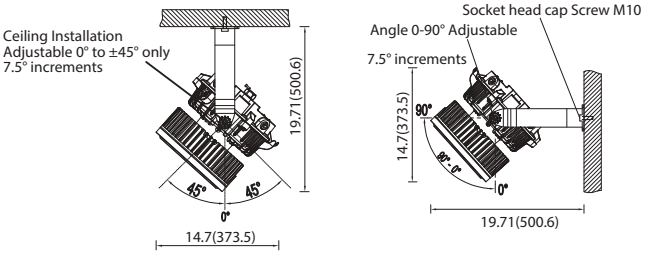
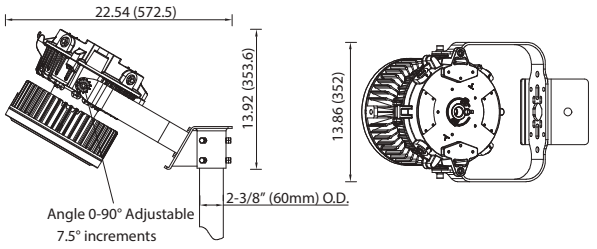
MOUNTING ACCESSORIES - (Field Installed, Order Separately)		
Part Number	**Description**	
WL9002	Wall Mount - 90° Powder Coated Grey	
WL2502	Wall Mount - 25° Powder Coated Grey	
SN2503 SN2504	Stanchion Mount - 25°: 1.25" NPT Powder Coated Grey Stanchion Mount - 25°: 1.50" NPT Powder Coated Grey	
SN9003 SN9004	Stanchion Mount - 90°: 1.25" NPT Powder Coated Grey Stanchion Mount - 90°: 1.50" NPT Powder Coated Grey	
LEHL2EM-Y	Yoke Bracket 304 Stainless Steel Powder Coated Grey	
LEHL2EM-SF	Slip Fitter Mount Bracket Powder Coated Grey Fits 2 3/8" (60mm) Outside Diameter Stanchion (non-adjustable) Includes 316SS Hardware **Note! Requires LEHL2EM-Y**	
CLAMP01	Pipe Clamp Kit for Round Pole 1-7/8 inch OD (48 mm), 304 Stainless Steel	
CLAMP02	Pipe Clamp Kit for Round Pole 2-3/8 inch OD (60 mm), 304 Stainless Steel	

ACCESSORIES - (Field Installed, Order Separately)		
Part Number	**Description**	
LEHL2EM-WG1	Stainless steel wire guard (flat lens) 304 Stainless Steel	
LEHL2EM-WG2	Stainless steel wire guard (globe lens) 304 Stainless Steel	
SC01	Stainless steel safety cable kit 304 Stainless Steel	

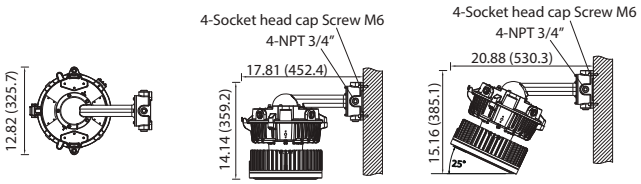
DIMENSIONS



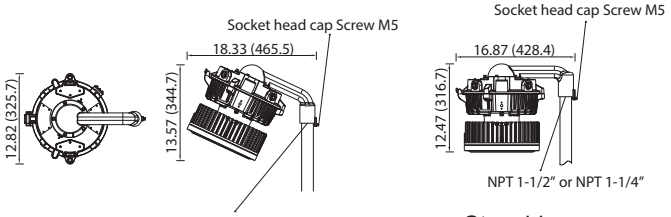
Yoke



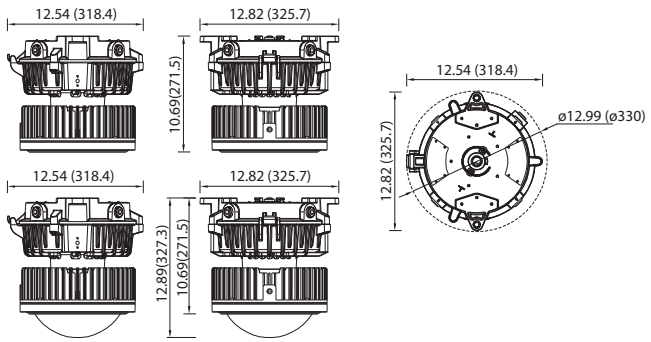
Slip Fitter



Wall



Stanchion



Pendant/Ceiling

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Source	Voltage	Amperage	Wattage	CCT	CRI	Beam	Lens	Lumen Output	Effeciency
L1	V1 120-277V	0.33 - 0.14 A	40	5000K	80	T5	Clear Glass	6,039	148
L1			40	5000K	80	T5	Diffuse Glass	5,128	126
L1			40	5000K	80	T5	Clear PC	5,714	140
L1			40	5000K	80	T5	Diffuse PC	4,623	114
L1			40	5000K	80	T5	Drop Lens Glass	5,836	143
L1			40	5000K	80	T3	Clear Glass	5,829	143
L1			40	5000K	80	T3	Clear PC	5,446	134
L1			40	5000K	80	T1	Clear Glass	5,576	137
L1			40	5000K	80	T1	Clear PC	5,202	128
L1			40	5000K	80	60	Clear Glass	6,247	153
L1			40	5000K	80	60	Clear PC	5,893	145
L1			40	5000K	80	30	Clear Glass	6,225	153
L1			40	5000K	80	30	Clear PC	5,878	144
L2	V1 120-277V	0.42 - 0.18 A	50	5000K	80	T5	Clear Glass	7,580	151
L2			50	5000K	80	T5	Diffuse Glass	6,422	128
L2			50	5000K	80	T5	Clear PC	7,158	142
L2			50	5000K	80	T5	Diffuse PC	5,790	115
L2			50	5000K	80	T5	Drop Lens Glass	7,300	145
L2			50	5000K	80	T3	Clear Glass	7,304	145
L2			50	5000K	80	T3	Clear PC	6,818	135
L2			50	5000K	80	T1	Clear Glass	6,977	139
L2			50	5000K	80	T1	Clear PC	6,522	129
L2			50	5000K	80	60	Clear Glass	7,832	155
L2			50	5000K	80	60	Clear PC	7,390	147
L2			50	5000K	80	30	Clear Glass	7,794	155
L2			50	5000K	80	30	Clear PC	7,397	147
L3	V1 120-277V	0.54 - 0.23 A	65	5000K	80	T5	Clear Glass	9,873	151
L3			65	5000K	80	T5	Diffuse Glass	8,366	128
L3			65	5000K	80	T5	Clear PC	9,327	143
L3			65	5000K	80	T5	Diffuse PC	7,556	116
L3			65	5000K	80	T5	Drop Lens Glass	9,628	147
L3			65	5000K	80	T3	Clear Glass	9,495	145
L3			65	5000K	80	T3	Clear PC	8,875	136
L3			65	5000K	80	T1	Clear Glass	9,090	139
L3			65	5000K	80	T1	Clear PC	8,470	130
L3			65	5000K	80	60	Clear Glass	10,227	156
L3			65	5000K	80	60	Clear PC	9,640	147
L3			65	5000K	80	30	Clear Glass	10,183	156
L3			65	5000K	80	30	Clear PC	9,646	147

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Source	Voltage	Amperage	Wattage	CCT	CRI	Beam	Lens	Lumen Output	Efficiency
L4	V1 120-277V	0.71 - 0.31 A	85	5000K	80	T5	Clear Glass	12,957	150
L4			85	5000K	80	T5	Diffuse Glass	10,957	127
L4			85	5000K	80	T5	Clear PC	12,235	142
L4			85	5000K	80	T5	Diffuse PC	9,914	115
L4			85	5000K	80	T5	Drop Lens Glass	12,603	146
L4			85	5000K	80	T3	Clear Glass	12,391	145
L4			85	5000K	80	T3	Clear PC	11,549	135
L4			85	5000K	80	T1	Clear Glass	11,821	139
L4			85	5000K	80	T1	Clear PC	11,044	129
L4			85	5000K	80	60	Clear Glass	13,358	156
L4			85	5000K	80	60	Clear PC	12,573	147
L4			85	5000K	80	30	Clear Glass	13,219	155
L4			85	5000K	80	30	Clear PC	12,543	147
L5	V1 120-277V	1.08 - 0.47 A	130	5000K	80	T5	Clear Glass	19,714	151
L5			130	5000K	80	T5	Diffuse Glass	16,699	128
L5			130	5000K	80	T5	Clear PC	18,630	143
L5			130	5000K	80	T5	Diffuse PC	15,089	116
L5			130	5000K	80	T5	Drop Lens Glass	18,912	145
L5			130	5000K	80	T3	Clear Glass	18,825	144
L5			130	5000K	80	T3	Clear PC	17,634	135
L5			130	5000K	80	T1	Clear Glass	18,233	140
L5			130	5000K	80	T1	Clear PC	16,930	130
L5			130	5000K	80	60	Clear Glass	20,767	160
L5			130	5000K	80	60	Clear PC	19,623	151
L5			130	5000K	80	30	Clear Glass	20,654	159
L5			130	5000K	80	30	Clear PC	19,535	150
L6	V1 120-277V	1.33 - 0.58 A	160	5000K	80	T5	Clear Glass	23,551	147
L6			160	5000K	80	T5	Diffuse Glass	19,897	124
L6			160	5000K	80	T5	Clear PC	22,282	139
L6			160	5000K	80	T5	Diffuse PC	18,073	113
L6			160	5000K	80	T5	Drop Lens Glass	22,653	141
L6			160	5000K	80	T3	Clear Glass	22,739	141
L6			160	5000K	80	T3	Clear PC	21,168	132
L6			160	5000K	80	T1	Clear Glass	22,010	136
L6			160	5000K	80	T1	Clear PC	20,418	127
L6			160	5000K	80	60	Clear Glass	25,132	156
L6			160	5000K	80	60	Clear PC	23,650	147
L6			160	5000K	80	30	Clear Glass	24,800	154
L6			160	5000K	80	30	Clear PC	23,578	146

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Source	Voltage	Amperage	Wattage	CCT	CRI	BEAM	Lens	Lumen Output	Efficiency
L7	V1 120-277V	1.67 - 0.72 A	200	5000K	80	T5	Clear Glass	28,654	142
L7			200	5000K	80	T5	Diffuse Glass	24,295	121
L7			200	5000K	80	T5	Clear PC	27,329	136
L7			200	5000K	80	T5	Diffuse PC	22,013	109
L7			200	5000K	80	T5	Drop Lens Glass	27,465	137
L7			200	5000K	80	T3	Clear Glass	27,700	136
L7			200	5000K	80	T3	Clear PC	26,000	128
L7			200	5000K	80	T1	Clear Glass	26,862	132
L7			200	5000K	80	T1	Clear PC	25,088	123
L7			200	5000K	80	60	Clear Glass	30,157	150
L7			200	5000K	80	60	Clear PC	28,587	142
L7			200	5000K	80	30	Clear Glass	30,120	149
L7			200	5000K	80	30	Clear PC	28,442	141

Emergency Mode

Source	Voltage	Amperage	Wattage	CCT	CRI	BEAM	Lens	Lumen Output	Efficiency
E1	N/A	0.125 - 0.054	15	5000K	80	T5	Clear Glass	3,139	209
E2		0.013 - 0.005	7.5	5000K	80	T5	Clear Glass	1,725	230
E1		0.125 - 0.054	15	5000K	80	T5	Diffuse Glass	2,675	178
E2		0.013 - 0.005	7.5	5000K	80	T5	Diffuse Glass	1,466	195
E1		0.125 - 0.054	15	5000K	80	T5	Clear PC	2,976	198
E2		0.013 - 0.005	7.5	5000K	80	T5	Clear PC	1,632	218
E1		0.125 - 0.054	15	5000K	80	T5	Diffuse PC	2,407	160
E2		0.013 - 0.005	7.5	5000K	80	T5	Diffuse PC	1,322	176
E1		0.125 - 0.054	15	5000K	80	T5	Drop Lens Glass	3,070	205
E2		0.013 - 0.005	7.5	5000K	80	T5	Drop Lens Glass	1,682	224
E1		0.125 - 0.054	15	5000K	80	T3	Clear Glass	3,041	203
E2		0.013 - 0.005	7.5	5000K	80	T3	Clear Glass	1,660	221
E1		0.125 - 0.054	15	5000K	80	T3	Clear PC	2,834	189
E2		0.013 - 0.005	7.5	5000K	80	T3	Clear PC	1,553	207
E1		0.125 - 0.054	15	5000K	80	T1	Clear Glass	2,913	194
E2		0.013 - 0.005	7.5	5000K	80	T1	Clear Glass	1,595	213
E1		0.125 - 0.054	15	5000K	80	T1	Clear PC	2,720	181
E2		0.013 - 0.005	7.5	5000K	80	T1	Clear PC	1,487	198
E1		0.125 - 0.054	15	5000K	80	60	Clear Glass	3,272	218
E2		0.013 - 0.005	7.5	5000K	80	60	Clear Glass	1,796	239
E1		0.125 - 0.054	15	5000K	80	60	Clear PC	3,088	206
E2		0.013 - 0.005	7.5	5000K	80	60	Clear PC	1,695	226
E1		0.125 - 0.054	15	5000K	80	30	Clear Glass	3,244	216
E2		0.013 - 0.005	7.5	5000K	80	30	Clear Glass	1,782	238
E1		0.125 - 0.054	15	5000K	80	30	Clear PC	3,083	206
E2		0.013 - 0.005	7.5	5000K	80	30	Clear PC	1,692	226

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