

ELM-LED-861

LED Emergency Light with Battery Back-Up

Emergency Lighting



Catalog Number:

Project Name:

Type:

Note:

MAXILUME
ARCHITECTURAL LIGHTING

FEATURES

This fixture is an excellent choice when an attractive emergency light is required. In cases of AC power loss, it provides a minimum of 90 minutes illumination. A trouble-free lead-calcium battery is provided with the fixture. The LED heads may be adjusted through the full range of motion because of the special swivel-track design.

BODY

- The thermoplastic housing of the product makes it corrosion-proof and scratch-and impact-resistant.
- UV-stabilization prevents discoloration of the product.
- Compartment shaped by injection.
- Power may be supplied via wall or ceiling

FACE

- The face has two square LED heads that are fit into bevels on either side and each has a reflector and diffuser

MOUNTING

- Unique "snap-together" universal mounting design permits top, back and side mounting. Necessary hardware and canopy are provided electrical

ELECTRICAL

- 120V or 277V Dual Input
- Reset is automatic
- Hassle-free wiring without the need for additional hardware

LAMPS

- 1.5W LED Lamp. 60Lm/head
- Emergency Light Fixtures: Two moveable glare free light heads that have a positioning lock.

BATTERY

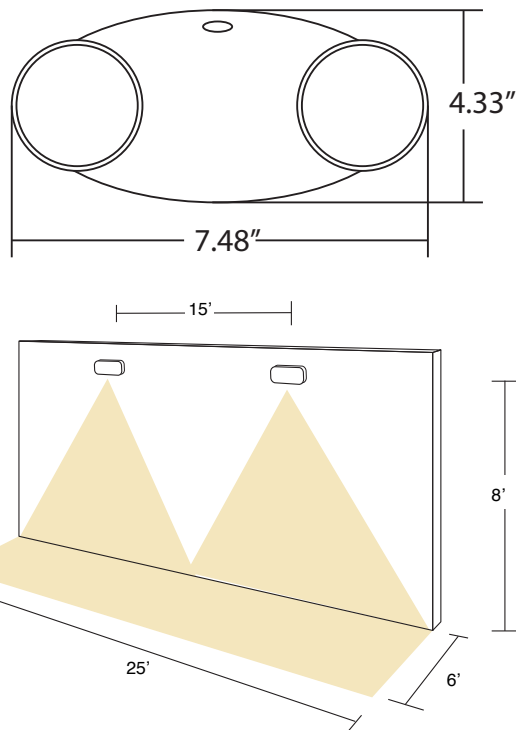
- Indicator light shows high charge and readiness for operation
- 3.6V, 1000mA-hour Ni-Cd battery works during power failures
- Replaceable and requires no maintenance
- When completely charged, supplies emergency power for 90 minutes.

TESTING

- Test Button
- Solid state line latched low voltage disconnect to avoid deep discharge
- Safeguarded against short circuits
- Power is automatically interrupted in cases of brown-out

LISTED

- UL 924, NFPA, NEC, State & Municipal
- Damp location approved



ELM-LED-861 - ITEM SELECTOR: (Please check the boxes below for the option desired)

HOUSING COLOR	CANOPY
<input type="checkbox"/> W - White	UNIVERSAL MOUNT TO WALL OR CEILING
<input type="checkbox"/> B - Black	

Specified:

ELM-LED-861

HOUSING COLOR



MAXILUME
ARCHITECTURAL LIGHTING

A division of
Elite Lighting

Submittal form is available @ www.maxilume.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions
subject to change without notice.

REV: MAXILUME-SPEC-03-10-2011

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TEST NO.: EL073019131

INPUT WATTS: 1.4

LUMENS: 60

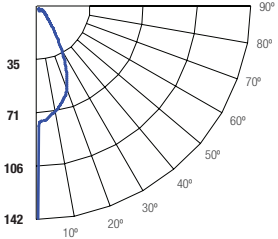
CRI: N/A

EFFICACY: 43

CCT: N/A

SPACING CRITERIA: 0.68

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	22.63	37.50	37.40
0-30	36.78	60.90	60.90
0-40	45.02	74.50	74.50
0-60	54.56	90.30	90.30
0-80	58.81	97.40	97.30
0-90	59.47	98.50	98.40

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2466	2106	1858
55	1975	1728	1347
65	1645	1459	1115
75	1115	1274	1066
85	1337	1275	1707

Lumens Per Zone

Zone	Lumens
0-10	6.87
10-20	15.76
20-30	14.16
30-40	8.24
40-50	5.48
50-60	4.06
60-70	2.72
70-80	1.53
80-90	0.65

Candela Tabulation

0	0
0	78.762
5	106.220
15	71.620
25	30.570
35	14.730
45	9.730
55	6.320
65	3.880
75	1.610
85	0.650
90	0.400

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
2	27.3	0.5	1.0
4	7.23	1.0	1.9
6	3.15	1.6	2.9
8	1.75	2.1	3.9
10	1.14	2.6	4.9
12	0.79	3.1	5.9
BEAM DIA. MEASURED AT 50% OF NADIR F.C.			

ROOM CAVITY RATIO	RC		80%				70%				50%				30%				10%				0%	
	RW		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%		0%			
0		119	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	101	98			
1		112	108	105	102	102	109	106	103	100	101	99	97	97	96	94	94	92	91	91	89			
2		105	99	94	90	90	102	97	92	89	93	90	86	90	87	84	87	84	82	80	80			
3		98	91	85	80	80	96	89	84	79	86	82	78	84	80	76	81	78	75	73	73			
4		93	84	78	73	73	91	83	77	72	80	75	71	78	74	70	76	72	69	67	67			
5		88	78	71	66	66	86	77	71	66	75	69	65	73	68	64	71	67	64	62	62			
6		83	73	66	61	61	81	72	66	61	70	65	60	69	64	60	67	63	59	58	58			
7		79	68	62	57	57	77	67	61	57	66	60	56	65	60	56	63	59	55	54	54			
8		75	64	58	53	53	73	64	57	53	62	57	53	61	56	52	60	55	52	50	50			
9		71	61	54	50	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48			
10		68	57	51	47	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45	45			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance