

ELM-810

Compact Wet Location Halogen Emergency Light

Architectural

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 lamp 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 mount.

FACE

- Beveled injection molded face with two round lamp heads molded into sloped side surfaces of fixture. Each head holds a 5 watt covered MR16 lamp.

MOUNTING

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

ELECTRICAL

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

LAMPS

- Beveled face with (2) 5 Watt MR16 lamp heads

BATTERY

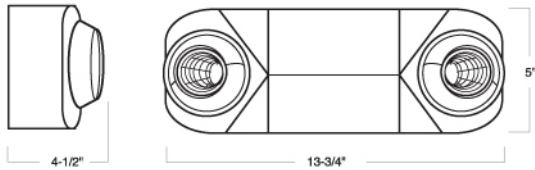
- Indicator light shows high charge and readiness for operation
- 6V, 4 amp-hour sealed-lead acid battery works during power failures
- Replaceable and requires no maintenance
- When completely charged, supplies emergency power for 90 minutes.

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

- Wet location approved



FOR
WET
LOCATION



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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INPUT WATTS: **5.4**

LUMENS: **63**

CRI: **N/A**

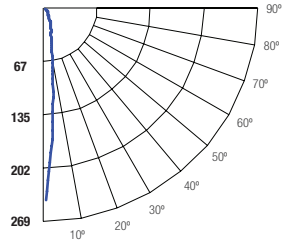
EFFICACY: **12**

CCT: **N/A**

SPACING CRITERIA: **0.38**

TEST NO.:

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	33.69	53.30	53.30
0-30	44.28	70.10	70.00
0-40	50.09	79.30	79.20
0-60	59.94	94.80	94.80
0-80	61.88	97.90	97.80
0-90	62.15	98.30	98.30

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	919	627	515
55	232	278	200
65	116	200	97
75	103	101	73
85	115	134	76

Lumens Per Zone

Zone	Lumens
0-10	15.12
10-20	18.57
20-30	10.59
30-40	5.81
40-50	6.03
50-60	3.82
60-70	1.33
70-80	0.61
80-90	0.26

Candela Tabulation

0	
0	235.403
5	197.160
15	71.140
25	20.280
35	8.240
45	11.700
55	2.400
65	0.880
75	0.480
85	0.180
90	0.100

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0		119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	101	101	98				
1		113	110	107	105	110	108	105	103	103	101	100	99	98	96	96	94	93	91	91	91				
2		107	102	98	95	105	100	97	93	97	94	91	94	91	89	91	89	87	85	85	85				
3		102	95	90	86	100	94	89	86	91	87	84	88	85	82	86	83	81	79	79	79				
4		97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	74	74					
5		93	84	79	74	91	83	78	74	81	77	73	80	76	72	78	74	72	70	70					
6		88	80	74	70	87	79	74	70	77	73	69	76	72	68	74	71	68	66	66					
7		85	76	70	66	83	75	70	66	74	69	65	72	68	65	71	67	65	63	63					
8		81	72	67	63	80	72	66	63	71	66	62	69	65	62	68	64	62	60	60					
9		78	69	64	60	77	69	63	60	68	63	60	67	62	59	66	62	59	58	58					
10		75	66	61	57	74	66	61	57	65	60	57	64	60	57	63	59	57	55	55					

Cone of Light			
(F) Distance to Plane	(F.C.) Initial Foot Candles at Nadir	(F) Beam Vert. Spread	(F) Beam Horiz. Spread
2	81.5	0.5	0.5
4	21.6	1.0	1.0
6	9.42	1.5	1.5
8	5.24	2.0	2.0
10	3.42	2.5	2.5
12	2.35	3.0	3.0

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance