

ELX-LED-703

LED Exit/Emergency Light Combination w/ Battery Back-Up

Exit/Emergency Light Combo

Catalog Number:

Project Name:

Type:

Note:

MAXILUME
ARCHITECTURAL LIGHTING

LED



FEATURES

This product is an ideal when both an exit sign and an emergency light are required. Its design makes it suitable for use above doors or in other tight spaces. Full-range control of direction is made possible by the swivel-and-point design of the LED head. The operation of the product can easily be monitored and controlled with the use of a conveniently located test switch that indicates charge and diagnostic state. LED and PC circuitry have a rating of about 25 years without a drop in illumination.

BODY

- The thermoplastic housing of the product makes it corrosion-proof and scratch-and impact-resistant.
- UV-stabilization prevents discoloration of the product.
- Every fixture includes a canopy, extra faceplate, and replaceable chevron directional indicator knockouts for control of direction.
- Compartment shaped by injection.

FACE

- Single or dual configuration. Solid face included if single face appearance is preferred
- 6" high text with color diffusion
- Knockout directional chevrons

MOUNTING

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

ELECTRICAL

- Minimum 90 minutes of illumination
- 120V or 277V Dual Input
- Normally uses 3.8 watts of power, 15 watts in emergency use
- When battery is functioning, LED lights flash
- Emergency lighting by two adjustable, glare-free light heads 1W (8 LED's x 0.125) per head

BATTERY

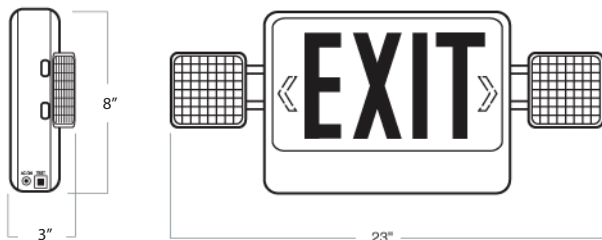
- 9.6V Ni-CD AA700mAh
- Minimum 90 minutes of illumination
- Solid-state internal circuitry for charging

TESTING

- Test Button
- Indicator light shows high charge and readiness for operation
- Safeguards against surges and short circuits

LISTED

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



ELX-LED-703 - ITEM SELECTOR: (Please check the boxes below for the option desired)

LETTER COLOR	HOUSING COLOR
☐ G - Green	☐ W - White
☐ R - Red	☐ B - Black

5 YEARS
LIMITED
WARRANTY

Specified:

ELX-LED-703

LETTER COLOR

-

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.: EL091705

INPUT WATTS: 2.3

LUMENS: 87

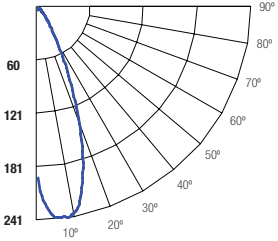
CRI: N/A

EFFICACY: 38

CCT: N/A

SPACING CRITERIA: 0.58

Candle Power Distribution (Candelas)



Cone of Light			
2	66.9	1.0	0.8
4	17.7	1.9	1.5
6	7.73	2.9	2.3
8	4.31	3.8	3.1
10	2.81	4.7	3.9
12	1.93	5.7	4.7
BEAM DIA. MEASURED AT 50% OF NADIR F.C.			

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	48.73	56.00	56.00
0-30	68.62	78.90	78.90
0-40	76.88	88.40	88.40
0-60	83.05	95.50	95.50
0-80	85.52	98.30	98.30
0-90	85.82	98.70	98.70

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	171	81	67
55	122	67	56
65	105	60	48
75	89	51	37
85	95	37	19

Lumens Per Zone

Zone	Lumens
0-10	17.04
10-20	31.68
20-30	19.89
30-40	8.26
40-50	3.81
50-60	2.35
60-70	1.58
70-80	0.89
80-90	0.30

Candela Tabulation

Q	
0	193.293
5	169.920
15	110.620
25	46.490
35	17.480
45	6.740
55	3.910
65	2.480
75	1.290
85	0.460
90	0.150

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

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%		50%	30%	10%	0%
0		119	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	101	101	99				
1		113	110	108	106	105	111	108	106	104	104	102	101	100	99	97	96	95	95	94	94	92				
2		108	103	99	96	106	106	101	98	95	98	95	93	95	92	90	92	90	88	88	87					
3		103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	85	83	82							
4		98	91	86	82	97	90	85	82	88	84	81	86	82	80	84	81	78	77							
5		94	86	81	77	93	85	80	77	84	79	76	82	78	75	80	77	74	73							
6		90	82	77	73	89	81	76	72	80	75	72	78	74	71	77	73	71	69							
7		87	78	73	69	85	77	72	69	76	72	68	75	71	68	74	70	67	66							
8		83	75	69	66	82	74	69	65	73	68	65	72	68	65	71	67	64	63							
9		80	71	66	63	79	71	66	62	70	65	62	69	65	62	68	64	62	60							
10		77	68	63	60	76	68	63	60	67	63	59	66	62	59	66	62	59	58							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance