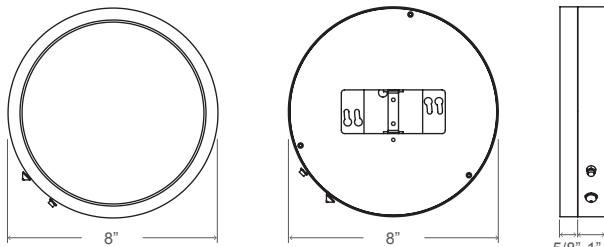




**EASY 3 COLORS  
SELECTOR**  
3000K • 4000K • 5000K



#### FEATURES

Intelligent emergency light, 90 minute operation from battery, 24 hours recharge time. Ideal for hotel, dining room, guest room, office, show room, shop, and corridor.

APERTURE	7"
LUMENS	900
WATTAGE	15W
CCT	30K/40K/50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
FINISH	White
DIMMING	DIMTR (Triac)
LIFETIME	50,000 Hours

- 5/8" thick luminaire, 15W, 900Lm
- 100%-10% dimming capability, this fixture is compatible with industry standard TRIAC/ELV dimmers
- Lifetime rated for greater than 50,000 hours
- Input voltage: AC 120V 50/60Hz
- Edge-lit technology to produce a smooth uniform lighting effect
- High quality plastic material
- Over-charge/ discharge protection
- Durable die-cast aluminum material
- Self test function
- Lithium battery backup module
- 24 hours recharge time
- ≥90 minutes operation from battery
- Switching time: <1 second
- Five-year warranty for parts and components. (Labor not included)
- lumen output in EMG mode 450L

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
900	1106	15W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

EXAMPLE: RL790-900L-DIMTR-120-30K/40K/50K-90-WH-EMG-LED

TYPE	LUMEN	CCT	CRI	FINISH	EMERGENCY
RL790	900L-DIMTR-120	30K/40K/50K	90+	WH (White)	EMG-LED



**COMPATIBLE JUNCTION BOXES**

**Pancake J-Box  
(Metal)**

**3.5" Round  
(Plastic)**

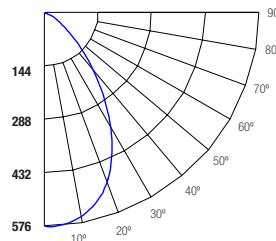
**4" Square  
(Plastic)**

**4" Octagonal  
(Metal)**

**4" Square  
(Metal)**

**Fire Rated  
J-Box**

**Note:** A 2-1/8" deep octagon junction box is recommended for through circuit wiring applications.

**RL790-900L-DIMTR-120-30K-40K-50K-90-WH-EMG-LED**
**TEST NO.: EL05082054**
**INPUT WATTS: 15**
**LUMENS: 1106**
**CRI: 90**
**EFFICACY: 71**
**CCT: 3000K**
**SPACING CRITERIA: 1.24**
**Candle Power Distribution (Candelas)**

**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	205.28	18.6	18.6
0-30	423.2	38.3	38.3
0-40	665.72	60.2	60.2
0-60	1038.23	93.9	93.9
0-80	1103.34	99.8	99.8
0-90	1103.51	99.8	99.8

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	135531	138538	137628
55	106330	107387	93278
65	69624	57977	27676
75	159	357	595
85	589	982	432

**Lumens Per Zone**

Zone	Lumens
0-10	54.09
10-20	151.19
20-30	217.92
30-40	242.52
40-50	219.8
50-60	152.71
60-70	61.4
70-80	3.71
80-90	0.17

**Candela Tabulation**

0
574.81
569.5
533.53
467.82
380.02
279.97
178.17
85.96
0.12
0.15
0.21

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

Cone of Light		
2	199	3.4
4	52.8	6.6
6	23.0	10.1
8	12.8	13.5
10	8.34	16.7
12	5.75	20.1
		19.4

(FT.) Distance to Plane

(FC) Initial Footcandle at Nadir

(FT.) Beam Vert. Spread

(FT.) Beam Horiz. Spread

ROOM CAVITY RATIO	80%					70%					50%					30%					10%					
	RC	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102	102	102	102	102	102	100
1	111	108	105	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89	89	89	89	89	89	89	89	89
2	103	97	91	87	101	95	90	86	92	88	84	88	85	82	86	83	80	78	78	78	78	78	78	78	78	78
3	96	87	80	75	93	86	79	74	83	77	73	80	76	72	78	74	71	69	69	69	69	69	69	69	69	69
4	89	79	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61	61	61	61	61	61	61	61	61
5	82	71	63	58	80	70	63	57	68	62	57	66	61	56	64	59	56	56	56	56	56	56	56	56	56	56
6	76	65	57	51	75	64	56	51	62	55	51	60	55	50	59	54	50	48	48	48	48	48	48	48	48	48
7	71	59	51	46	70	58	51	46	57	50	45	56	50	45	54	49	45	43	43	43	43	43	43	43	43	43
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	39	39	39	39	39	39	39	39
9	62	50	43	38	61	50	42	38	48	42	37	47	41	37	46	41	37	35	35	35	35	35	35	35	35	35
10	59	47	39	34	57	46	39	34	45	39	34	44	38	34	43	38	34	34	34	34	34	34	34	34	34	34

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance