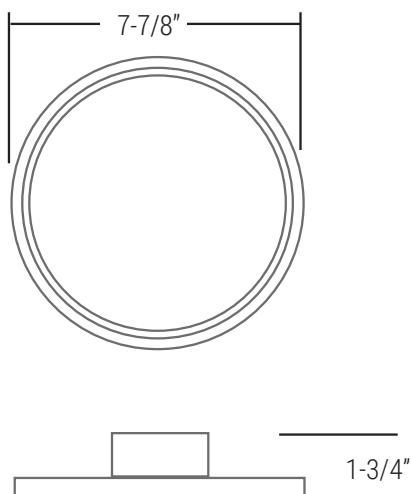




EASY 3 COLORS  
**SELECTOR**  
3000K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
900	1006	13.5W

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

#### INSTALLATION

You MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.

#### FEATURES

The Elite LED Slim Surface Mount has been engineered to install into most standard junctionboxes. Up to 900 usable lumens are directed from the luminaire to the work surface. Easy to install, applicable to junction box or recessed can installation.

LUMENS	900
CCT	30K/40K/50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
DIMMING	DIMTR ( Triac Dimming), DIM10 ( 0-10V Dimming)
FINISH	WH (White), BK (Black), SN (Satin Nickel), BZ (Bronze)
LIFETIME	50,000 Hours

#### OPTICS

The Elite LED Module system is much more than just a simple LED retrofit. The Elite LED system is a highly engineered work of design and optical science which produces up to 900 lumens. Our meticulously crafted optics gather the light scattered by the LED chip and shape it into a functional beam with uniform light distribution.

#### DIMMING

Intended for Triac (120V) and 0 to 10V Dimming. Minimum 90°C supply conductors.

#### COMPLIANCE

Non-conductive fixture for shower light application. Product complies with the requirements of the California Energy Commission regulated under Title 24.

#### LISTING

ETL listed for damp location (wet location - with covered ceilings)  
Energy Star certified

#### WARRANTY

The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included)

EXAMPLE: **RL791-900L-DIMTR-120-30K/40K/50K-90-WH**

TYPE	LUMEN	CCT	CRI	FINISH	ACCESSORY
RL791	<input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-DIM10-MVOLT	<input type="checkbox"/> 30K/40K/50K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH-White (standard) <input type="checkbox"/> RL791-RT-BK* - Black Ring <input type="checkbox"/> RL791-RT-SN* - Satin Nickel Ring <input type="checkbox"/> RL791-RT-BZ* - Bronze Ring *Order Separate	<input type="checkbox"/> RL791-TORSION-SPRING <input type="checkbox"/> A-RL791-EMG-LED-WH Empty Base for Battery Backup

## MOUNTING



**4" Round  
(Plastic)**



**4" Octagonal  
(Metal)**



**Fire Rated  
J-Box**

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

## RING COLORS



**RL791-RT-BK**  
Black



**RL791-RT-SN**  
Satin Nickel



**RL791-RT-BZ**  
Bronze



**TORSION SPRING (Not Included)**  
RL791- \*For use in 6" downlight housing ONLY

## RL791-900L-DIMTR-120-30K-40K-50K-90-WH

TEST NO.: **EL08151985**

INPUT WATTS: **13.5109**

LUMENS: **1006**

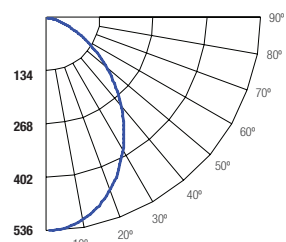
CRI: **90**

EFFICACY: **71**

CCT: **4000K**

SPACING CRITERIA: **1.18**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	189.06	18.80	18.80
0-30	384.76	38.20	38.20
0-40	596.26	59.30	59.30
0-60	919.49	91.40	91.40
0-80	1005.44	99.90	99.90
0-90	1005.47	99.90	99.90

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

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	6598	6760	7054
55	4923	5128	5480
65	2984	3219	3611
75	550	871	1282
85	7	5	5

### Lumens Per Zone

Zone	Lumens
0-10	50.25
10-20	138.81
20-30	195.71
30-40	211.50
40-50	187.99
50-60	135.24
60-70	70.75
70-80	15.20
80-90	0.03

### Candela Tabulation

0	5	15	25	35	45	55	65	75	85	90
535.77	529.55	489.59	418.94	330.49	234.66	142.03	63.42	7.16	0.03	0.03

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
Beam Dia. (ft.)	Initial Footcandle at Nadir	Beam Vert. Spread (ft.)	Beam Horiz. Spread (ft.)
2	134	3.7	3.7
4	33.5	7.4	7.3
6	14.9	11	11
8	8.37	14.7	14.6
10	5.36	18.4	18.3
12	3.72	22.1	22

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

	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%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
	1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89			
	2	103	96	91	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77			
	3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68			
	4	88	78	70	64	86	76	69	64	74	68	63	72	67	62	70	65	61	60			
	5	82	70	62	57	80	69	62	56	67	61	56	65	60	55	64	59	55	53			
	6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	47			
	7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42			
	8	66	54	46	41	65	53	46	41	52	45	40	51	45	40	50	44	40	38			
	9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35			
10	58	46	39	34	57	46	39	34	45	38	34	44	38	34	43	37	34	32				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance