

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
900	1034	15W

Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

**FEATURES**

The Elite RL617 has been engineered for standard junction boxes. Lights turn ON automatically when motion is detected and OFF after 30 seconds when no motion is detected, Ideal for closets, workrooms, basements, storage areas, utility rooms and attics etc.

LUMENS	900
CCT	30K, 40K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipses
FINISH	WH (White)
LIFETIME	50,000 Hours

**OPTICS**

The Elite-Engineered 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 over 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.

**DURABILITY**

Flame retardant PC body and heat management system are engineered for extremely long life and service period. Without proper heat management, any LED luminaire will fail. Life tests have shown the Elite RL617 light output will be maintained at 70% of initial at 50,000 hours of operation.

**REPEATABLE**

Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite RL617 Module is engineered for quality. All Elite LED luminaires are rated at 90+ CRI, as rated and tested to LM-79 and LM-80 standards by a certified laboratory. Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light.

**INTERCHANGEABLE**

The Elite RL617 LED system fits in most junction boxes.

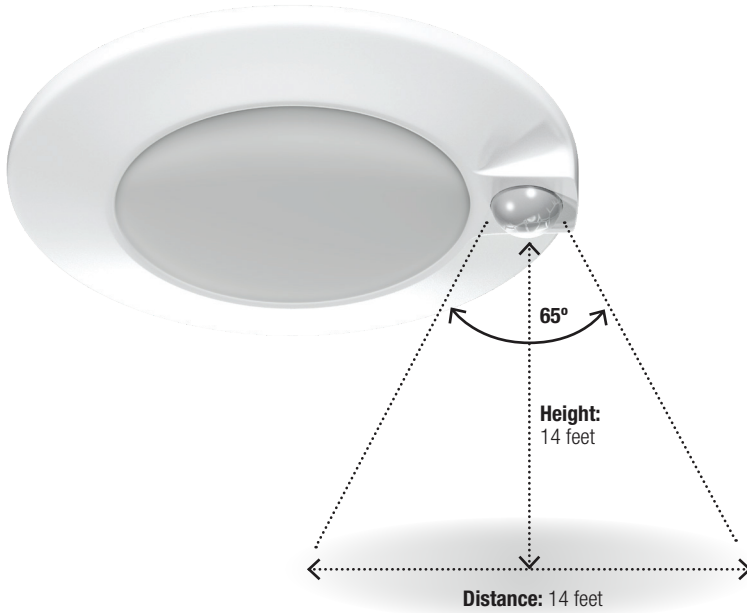
**OUR WORD**

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

EXAMPLE: **RL617-900L-120-30K-90-W-WH**

TYPE	LUMEN	CCT	CRI	FINISH	OPTIONS
RL617	<input type="checkbox"/> 900L-120	<input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH-White	<input type="checkbox"/> GU24SA <input type="checkbox"/> GU24 SOCKET ADAPTER



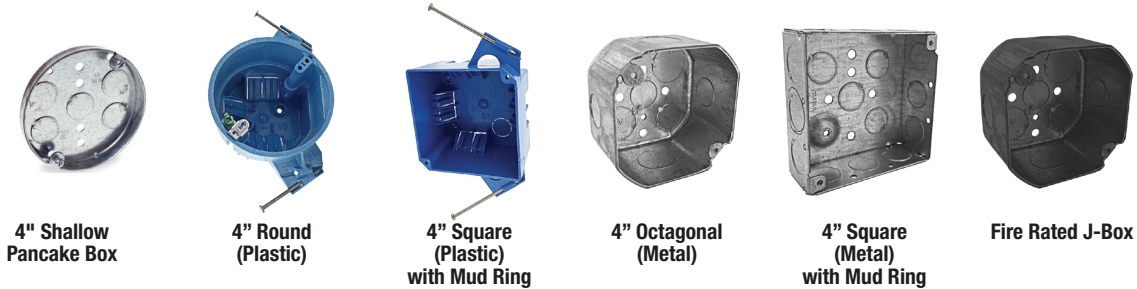


**PIR Motion Sensor**

Turn on when detecting movement, not only in dark, but also daytime. Turn off after 30 seconds (customized is also available) delay if no more motion

- Flame Retardant PC material
- Input voltage: AC 120V 50/60Hz
- The light features a 10 Watt LED module, making it the energy efficient, popular alternative to incandescent and CFL fixtures
- It is easy to install with keyholes for multiple ceiling box configurations
- Designed for indoor use only

**UNIT FITS MOST 4" JUNCTION BOXES**



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

**RL617-900L-120-30K-90-WH**

TEST NO.: **EL082019103**

INPUT WATTS: **15.0015**

LUMENS: **1034**

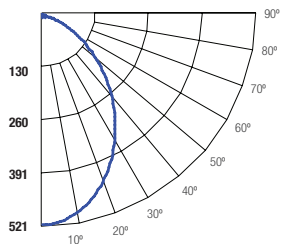
CRI: **90**

EFFICACY: **69**

CCT: **3000K**

SPACING CRITERIA: **1.20**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	183.41	17.70	17.70
0-30	373.36	36.10	36.10
0-40	579.62	56.00	56.00
0-60	904.98	87.50	87.50
0-80	1022.77	98.90	98.90
0-90	1026.01	99.20	99.20

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

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	6424	6495	6811
55	4985	5069	5421
65	3470	3558	3901
75	2090	2166	2443
85	14	11	14

**Lumens Per Zone**

Zone	Lumens
0-10	48.77
10-20	134.64
20-30	189.95
30-40	206.26
40-50	185.95
50-60	139.41
60-70	82.74
70-80	35.06
80-90	3.24

**Candela Tabulation**

0	5	15	25	35	45	55	65	75	85	90
0	5	15	25	35	45	55	65	75	85	90
519.59	513.09	471.86	402.84	318.17	228.46	143.81	73.76	27.20	0.06	0.07

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

RC	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	111	111	111	106	106	106	101	101	101	101	101	101	99			
1	110	106	103	103	108	104	101	98	100	97	95	96	94	92	92	90	89	89	89	89	87			
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75	75	75	75			
3	94	85	77	72	91	83	76	71	80	74	70	77	72	68	75	71	67	65	65	65	65			
4	87	76	68	62	84	75	67	62	72	66	61	70	64	60	68	63	59	57	57	57	57			
5	80	69	60	54	78	67	60	54	65	59	54	63	58	53	62	56	52	50	50	50	50			
6	75	62	54	48	73	61	54	48	60	53	48	58	52	47	56	51	47	45	45	45	45			
7	69	57	49	43	68	56	49	43	55	48	43	53	47	42	52	46	42	40	40	40	40			
8	65	52	44	39	63	52	44	39	50	44	39	49	43	38	48	42	38	36	36	36	36			
9	61	48	41	35	59	48	40	35	47	40	35	45	39	35	44	39	35	33	33	33	33			
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30	30	30	30			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	130	3.7	3.7
4	32.5	7.4	7.4
6	14.4	11.2	11.11
8	8.12	14.9	14.8
10	5.2	18.6	18.5
12	3.61	22.3	22.3

(FL) Distance to Plane (FC) Initial Footcandle at Nadir (FT) Beam Vert. Spread (BT) Beam Horiz. Spread  
BEAM DIA. MEASURED AT 50% OF NADIR F.C.