

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
600	544	9W

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

FEATURES

The Elite RL417 has been engineered for standard junction boxes. Lights turns ON/OFF when movement is detected.

LUMENS	600
CCT	30K, 40K, 50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
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 600 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 RL417 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 RL417 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 RL417 LED system fits in most junction boxes.

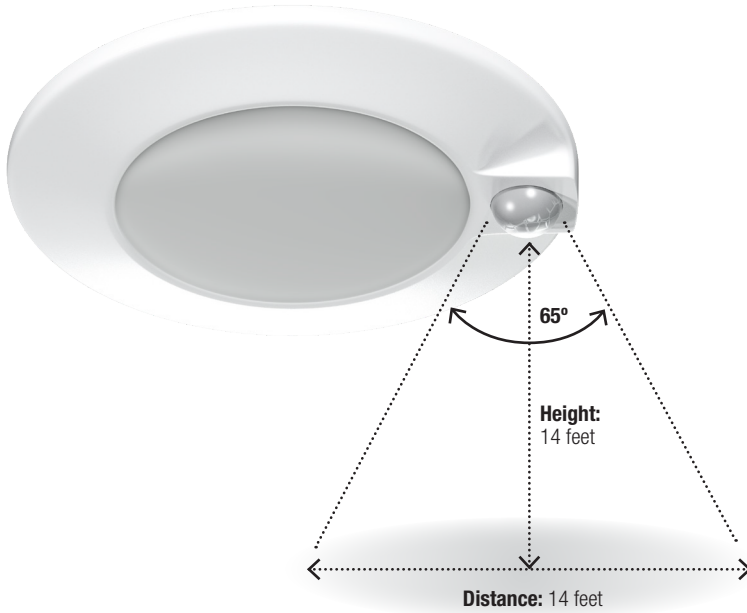
OUR WORD

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

EXAMPLE: **RL417-600L-120-30K-90-W-WH**

TYPE	LUMEN	CCT	CRI	FINISH	OPTIONS
RL417	<input type="checkbox"/> 600L-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



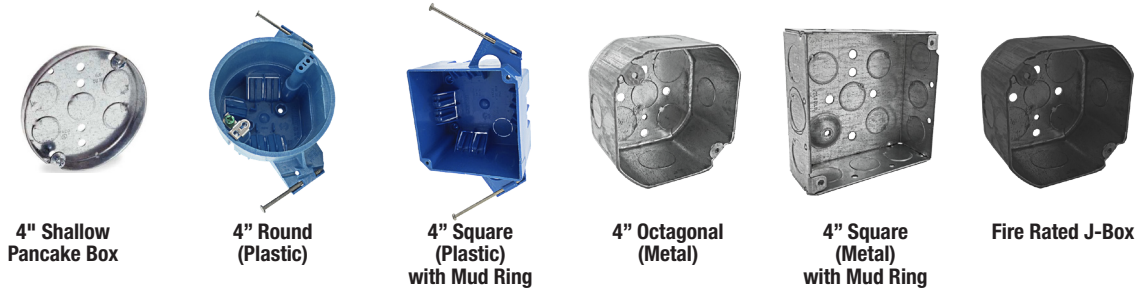


PIR Motion Sensor

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.

RL417-600L-120-30K-90-WH

INPUT WATTS: **9.7**

LUMENS: **544**

CRI: **90+**

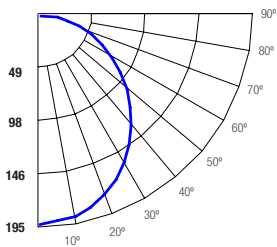
EFFICACY: **56**

CCT: **3000K**

TEST NO.: **EL081898**

SPACING CRITERIA: **1.34**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	12.2 fc	11 ft
8.0	3.05 fc	21.9 ft
12.0	1.36 fc	32.9 ft
16.0	0.76 fc	43.9 ft
20.0	0.49 fc	54.9 ft
24.0	0.34 fc	65.8 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	70.48	13.00	12.90
0-30	148.30	27.30	27.20
0-40	240.25	44.20	44.10
0-60	417.17	76.70	76.60
0-80	524.52	96.40	96.30
0-90	544.49	100.10	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	9340	9459	9510
55	8859	8940	9234
65	8460	8610	8990
75	8054	8680	9396
85	10318	12801	13687

Lumens Per Zone

Zone	Lumens
0-10	18.36
10-20	52.12
20-30	77.82
30-40	91.95
40-50	93.31
50-60	83.61
60-70	65.17
70-80	42.18
80-90	19.97

Candela Tabulation

0	0
0	195.20
5	192.41
15	185.12
25	168.87
35	146.82
45	120.58
55	92.78
65	65.28
75	38.06
85	16.42
90	0.30

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%	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	111	106	106	106	106	102	102	102	102	100	100	100	100
1		108	103	98	94	105	101	96	93	96	93	90	90	92	90	87	87	89	86	84	84	82	82	82	82
2		98	89	82	76	95	88	81	75	84	78	74	74	81	76	72	72	78	74	70	70	68	68	68	68
3		89	78	70	63	87	77	69	63	74	67	62	62	71	65	61	61	68	64	59	59	57	57	57	57
4		82	70	61	54	79	68	60	53	66	58	53	53	63	57	52	52	61	56	51	51	49	49	49	49
5		75	62	53	46	73	61	52	46	59	51	45	45	57	50	45	45	55	49	44	44	42	42	42	42
6		70	56	47	40	68	55	46	40	53	46	40	40	51	45	39	50	44	39	37	37	37	37	37	37
7		64	51	42	36	63	50	42	36	48	41	35	47	47	40	35	46	39	35	33	33	33	33	33	33
8		60	46	38	32	58	46	37	32	44	37	32	43	43	36	31	42	36	31	29	29	29	29	29	29
9		56	43	34	29	55	42	34	29	41	34	28	40	40	33	28	39	33	28	26	26	26	26	26	26
10		53	39	31	26	51	39	31	26	38	31	26	37	37	30	26	36	30	26	24	24	24	24	24	24

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance