

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000	1047	14W

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

### INSTALLATION

Elite LED Retrofits come standard with quick connectors ready for installation in Elite Lighting's LD series recessed housing that are Energy Star and Title 24 rated (LD4IC-AT, LD5IC, LD6IC-AT).

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 Module has been engineered for new construction where Title-24's 'No Edison Socket' mandate has been initiated. A dedicated housing installs the same as any other Elite Lighting product and features our adjustable, lockable and tiltable nail bars. The LED Module can also be installed into most 6" incandescent downlights by using our unique Edison adapter. Over 1000 usable lumens are directed from the luminaire to the work surface. Lighting is smooth and comfortable, all while using 75% less energy than the equivalent 50W BR20 and 25% less than the common 13W CFL. Plus the Elite LED Module features 50,000hrs of life, and California Title-24 compliance.

LUMENS	1000
CCT	27K, 30K, 35K, 40K, 50K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipses
TRIM	Cast aluminum trim
REFLECTOR COLORS	W (White)
FLANGE COLORS	WH (White)
DIMMING	DIMTR (Triac)120V
LIFETIME	50,000 Hours

EXAMPLE: **RL694-1000L-DIMTR-120-30K-90-W-WH**

TYPE	LUMEN	CCT	CRI	FINISH	OPTION
RL694	<input type="checkbox"/> 1000L-DIMTR-120 *MVOLT (on/off only)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K* (CRI 85+ only)	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH	<input type="checkbox"/> GU24SA-GU24 Socket Adapter



**OPTICS AND REFLECTOR**

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 1000 lumens! Our meticulously crafted optics gather the light scattered by the LED chip and shape it into a functional beam with uniform light distribution. The reflector also offers the benefits of a smooth integrated light with glare reduction at a 55 degree cut-off, which minimizes brightness. Optic combinations available in Baffle, Reflector, and Wall Wash options to fit any lighting application.

**DURABILITY**

Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Without proper heat management, any LED luminaire will fail. Our die-cast system pulls the heat from the LED chip, allowing the continued cool operation for years. Life tests have shown the Elite LED Module light output will be maintained at 70% of initial at 50,000 hours of operation. Our superior design allows for installation in construction that requires the Elite Air-Shut™ system. Our LED driver is rated for 50 to 60 Htz at 120-277V input, produces less than 10% THD, has a power factor between 0.90 and 1.00 and is thermal protected for additional safety.

**REPEATABLE**

Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite LED Module is engineered for quality. All Elite LED luminaires are rated at 85+ and 90+ CRI and 27K, 30K, 35K, 40K and 50K, as rated and tested to LM-79 and LM-80 standards by a certified laboratory, and meets the California Title-24 compliance standards. Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light.

**INTERCHANGEABLE**

The Elite LED Module system works in our dedicated (B36IC-AT-W, B37IC-AT) housings and our existing 6" incandescent slope housings.

**ADAPTABLE**

All Elite LED Module luminaires are shipped standard with our custom engineered Edison adapter. This adapter assembly allows the luminaires to install directly into existing Elite 6" downlight housings and most other 6" downlight housings.

**DIMMING & DRIVER INFORMATION**

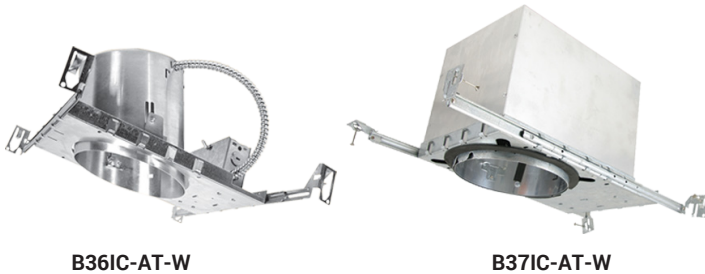
The Elite LED Module system is fully dimmable down to 10% of initial light output with a Triac dimmer when ordered with the following options (DIMTR-120). Dimmer control must have same AC input rating as the dimmable power supply driver it connects to. Other electronic low voltage dimmers may be compatible, but have not been tested by Elite LED Lighting.

**WARRANTY**

Five-year carefree warranty for parts and components. (Labor not included.)

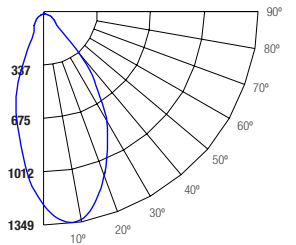
**LISTINGS**

Energy Star and California Title 24 compliant

**COMPATIBLE ELITE HOUSINGS**

**\*RECOMMENDED DIMMERS**

LUTRON DIMMERS (DIMTR)	
Diva DVCL-153P	Maestro MRF2-6ND
Skylark CTCL-153P	NovaT NTELV-600
Nova N-600	Diva DVELV-300P
NovaT NT-600	Skylark SELV-300P
Skylark S-600	Nova NELV-450
Ariadni AY-600P	
Nova NTLV-600	
Nova NLV-600	

**RL694-1000L-DIMTR-MVOLT-30K-90-W-WH**
**TEST NO.: EL02102043**

 INPUT WATTS: **13.8551**    LUMENS: **1047**    CRI: **90+**    EFFICACY: **75**    CCT: **3000K**    SPACING CRITERIA: **0.80**
**Candle Power Distribution (Candelas)**

**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	374.46	35.80	35.80
0-30	650.25	62.10	62.10
0-40	833.87	79.70	79.70
0-60	984.99	94.10	94.10
0-80	1040.22	99.40	99.40
0-90	1040.39	99.40	99.40

**Luminance Data (cd/sq.m)**

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	44256	49590	59340
55°	38911	42486	49355
65°	30390	37833	45220
75°	9218	12789	20090
85°	903	275	118

**Lumens Per Zone**

Zone	Lumens
0-10	110.70
10-20	263.76
20-30	275.79
30-40	183.62
40-50	88.69
50-60	62.43
60-70	42.88
70-80	12.35
80-90	0.17

**Candela Tabulation**

Candela		Tabulation	
0	5	15	25
1229.01	1104.80	752.60	414.46
122.92	91.42	65.20	37.52
65.20	37.52	6.97	0.23
85	0.23	90	0.29

**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%	0%	0%				
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	99					
1	112	109	107	104	110	107	105	102	103	101	99	99	99	97	95	95	94	94	91	91					
2	106	100	96	92	104	99	94	91	95	92	89	89	89	87	87	87	87	85	83	83					
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76	76	76					
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	74	71	70	70	70					
5	89	79	73	68	87	78	72	68	77	71	67	75	70	66	73	69	66	64	64	64					
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	64	61	60	60	60					
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55	55	55					
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52					
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49					
10	68	58	52	48	67	58	52	48	57	51	47	56	51	47	55	50	47	46	46	46					

Cone of Light			
2	307	1.8	1.8
4	76.8	3.6	3.6
6	34.1	5.4	5.4
8	19.2	7.2	7.2
10	12.3	9	9
12	8.53	10.8	10.8

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

RC - Ceiling Cavity Reflectance    RW - Wall Reflectance