



CERTIFICATIONS

- cULus
- RoHS
- IECC

CRI 90+

COLOR QUALITY 3-Step MacAdam Ellipses

LUMEN OUTPUT 950 Lumens

LUMEN PER WATT Up to 64

CCT 30K

OPTIC 45° Cut-Off

WARRANTY 5 Years

- New York state
- UL/cUL Listed for Wet
- UL/cUL Listed for Damp Location
- California Title 24
- Washington state
- LM79/LM80

UNIQUELY ENGINEERED FOR NEW AND EXISTING CONSTRUCTION

The RL527 is the newest, most efficient, and advanced LED retrofit modules from ELITE Lighting. It's unique design delivers color quality above a 90 CRI rating. The color matching has never been so close, with a binning as low as 3 MacAdams ellipses. The RL527 LED retrofits meet all new mandatory California Title 24 requirements.

The Elite RL527 LED Module has been engineered for new constructions to meet Title-24's "No Edison Socket" mandate. The Elite RL527 LED system works in our dedicated (LD5IC-AT, LD5RIC-AT, LD5IC-AT, and LD5RIC-AT) housings and our existing 5" Incandescent housings (B5IC-AT, B25IC-AT, B25RIC-AT, B5RIC-AT) but is also suitable for using in most 5" Incandescent recessed downlight housings in the market.

INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	INPUT POWER	LUMENS
120	50/60Hz	<20%	>0.9	15W(+/-5%)	950

DURABILITY

Our die-cast system pulls the heat from the LED chip, allowing the continued cool operation for years. Our LED driver is rated for 50 to 60 Hz at 120V input, and produces less than 20% THD, has a power factor between 0.90 and 1.00 and is thermal protected for additional safety.

DIMMABLE

The Elite LED Module is dimmable down to 15% of initial light output with compatible dimmers. Consult factory for complete list of compatible dimming systems.

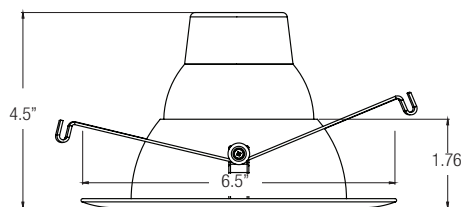
OUR WORD

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

FEATURES

- Over 950 usable lumens are directed from the luminaire to the work surface
- Greater light output than a 26W CFL or a 65W BR30 while consuming less than 15W of power
- Rated at 90+ CRI to meet California Title-24 strict compliance standards
- Life tested to ensure light output up to 50,000 hours of operation to L70
- Glare reducing cut-off angle of 55 degrees
- High performance optic hides LED chip image but still delivers an even beam of light
- Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light
- Tested to LM-79 and LM-80 standards
- UL listed for safety

INSTALLATION



Ez connector to use with special High efficacy housing or Edison base adapter for retrofitting into existing 5" Incandescent Housings.

Utilizes industry standard V springs, installs in most 5" incandescent down lights. Insert V springs into can and press trim to ceiling. 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.

LED

5"

5 INCH LED RETROFIT MODULE

RL527

UNIVERSAL 5" LED RETROFIT REFLECTOR LIGHTING MODULE

R30 Lamp



Before

RL527 LED Retrofit



After

Elite's innovative LED retrofit downlight modules deliver the brightest, most beautiful and most energy efficient ambient lighting to replace any lamp type on your existing fixture.

Example: **RL527-950L-DIMTR-120-30K-90-CL-WH**

TYPE	950L SERIES	CCT	CRI	FINISH	OPTION
RL527 (Reflector)	950L-DIMTR-120	30K	90	CL-WH	GU24SA GU24 SOCKET ADAPTER

Ordering Guide for Compatible Housing

IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD5IC-AT	LD5-AT	LD5RIC-AT	LD5R-AT
HLD5IC-AT	HLD5-AT	HLD5RIC-AT	HLD5R-AT
B5IC-AT	B5-AT	B5RIC-AT	B5R-AT
B25IC-AT		B25RIC-AT	

*RECOMMENDED DIMMERS FOR ELITE RL527 LED SYSTEM

LUTRON DIMMERS	LUTRON CONTROL SYSTEM
INCANDESCENT	MAGNETIC LOW VOLTAGE
Diva DVCL-153P Skylark CTCL-153P Nova N-600 NovaT NT-600 Skylark S-600 Ariadine AY-600P Nova NTLV-600 Nova NLV-600	Maestro MRF2-6ND NovaT NTLV-600 Diva DVELV-300P Skylark SELV-300P Nova NELV-450 Skylark S-1000 Decora 06633-766 Decora 6674 Toggle Dimmer TGI06-1LW
	NovaNLV-600 NovaT NTLV-600 Diva DVLV-600P Leviton Dimmer 6613-PL

RL527-950L-DIMTR-120-30K-90-CL-WH

INPUT WATTS: **14.4**

LUMENS: **1097**

CRI: **90**

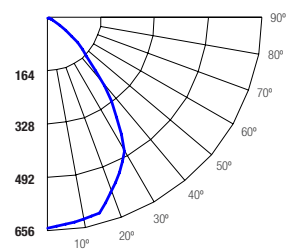
EFFICACY: **76**

CCT: **3000K**

TEST NO.: **EL111730**

SPACING CRITERIA: **1.18**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	241.99	22.10	22.10
0-30	510.14	46.50	46.50
0-40	790.42	72.10	72.00
0-60	1073.31	97.80	97.80
0-80	1096.99	100.00	100.00
0-90	1097.1	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	835	981	1336
55	414	310	633
65	98	81	138
75	4	9	8
85	0	0	5

Lumens Per Zone

Zone	Lumens
0-10	62.08
10-20	179.91
20-30	268.15
30-40	280.28
40-50	194.26
50-60	88.63
60-70	20.95
70-80	2.73
80-90	0.11

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	656.48	5	647.68	15	629.69	25	531.52	35	379.12
45	172.48	55	69.44	65	12.06	75	0.34	85	0.00
90	0.00								

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		119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1		112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91	
2		105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	83	82	
3		98	90	84	79	96	89	83	79	86	81	77	84	80	76	81	78	75	73	
4		92	82	76	71	90	81	75	70	79	73	69	77	72	68	75	71	68	66	
5		86	75	68	63	84	74	68	63	73	67	62	71	66	62	69	65	61	59	
6		80	68	62	57	78	68	62	57	67	61	56	65	60	56	64	60	54	55	
7		75	64	57	51	74	63	56	51	62	55	51	60	55	51	59	54	50	49	
8		70	59	52	47	69	58	52	47	57	51	47	56	50	46	55	50	46	44	
9		66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41	
10		62	51	44	39	61	50	44	39	50	43	39	49	43	39	48	43	39	37	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Distance to Plane	Initial Footcandle at Nadir	Beam diameter
4.0	41 fc	7.1 ft
8.0	10.3 fc	14.2 ft
12.0	4.56 fc	21.3 ft
16.0	2.56 fc	28.5 ft
20.0	1.64 fc	35.6 ft
24.0	1.14 fc	42.7 ft

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