



CERTIFICATIONS

- cULus
- RoHS
- IECC
- New York state

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

- 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 RL627 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 RL627 LED retrofits meet all new mandatory California Title 24 requirements.

The Elite RL627 LED Module has been engineered for new constructions to meet Title-24's "No Edison Socket" mandate. The Elite RL627 LED system works in our dedicated (LD6IC-AT, LD6RIC-AT, LD5IC-AT, and LD5RIC-AT) housings and our existing 6" Incandescent housings (B6IC-AT, EZ6IC-AT, B26IC-AT, B26RIC-AT, B6RIC-AT) but is also suitable for using in most 6" and 5" Incandescent recessed downlight housings in the market.

INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	INPUT POWER	LUMENS
120	50/60Hz	<20%	>0.9	14W(+/-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.

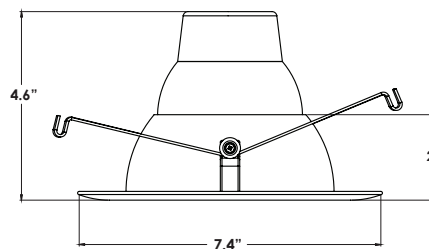
OUR WORD

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 14W 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 6" 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.

UNIVERSAL 6" AND 5" LED RETROFIT REFLECTOR LIGHTING MODULE







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: **RL627-950L-DIMTR-120-30K-90-CL-WH**

TYPE	950L SERIES	CCT	CRI	FINISH	OPTION
RL627 (Reflector)	 950L-DIMTR-120	 30K	 90	 CL-WH	 GU24SA GU24 SOCKET ADAPTER

Ordering Guide for Compatible Housing

Cracking Guide for Composite Hoisting			
			
IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD6IC	LD6-AT	LD6RIC-AT	LD6R-AT
HLD6IC-AT	HLD6-AT	HLD6RIC-AT	HLD6R-AT
LD600IC-AT	B6-AT	EZ6IC-AT	B6R-AT
EZ6IC-AT		B6RIC-AT	
B6IC-AT			
B6IC-100-AT			
B600-IC			

Ordering Guide for Compatible Housing

Choosing Size for Companion Hoisting			
			
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	

LED

6'
5'

***RECOMMENDED DIMMERS FOR ELITE RL627 LED SYSTEM**

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

RL627-950L-DIMTR-120-30K-90-CL-WH

INPUT WATTS: **14.7**

LUMENS: **1143**

CRI: **85+**

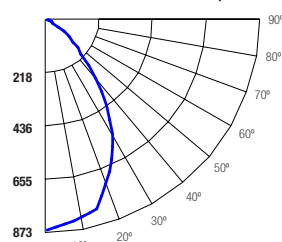
EFFICACY: 78

CCT: 3000K

TEST NO.: **EL110117**

SPACING CRITERIA: **1.04**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	54.6 fc	5.8 ft
8.0	13.6 fc	11.6 ft
12.0	6.06 fc	17.5 ft
16.0	3.41 fc	17.5 ft
20.0	2.18 fc	29.1 ft
24.0	1.52 fc	34.9 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	307.60	15.90	26.90
0-30	608.88	31.50	53.30
0-40	885.48	45.80	77.40
0-60	1126.81	58.30	98.60
0-80	1143.25	59.20	100.00
0-90	1143.35	59.20	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	15670	16619	18931
55	7983	5257	6460
65	2112	1449	1533
75	89	154	91
85	0	0	69

Lumens Per Zone

Zone	Lumens
0-10	81.29
10-20	226.31
20-30	301.28
30-40	276.60
40-50	172.79
50-60	68.53
60-70	14.65
70-80	1.79
80-90	0.11

Candela Tabulation

Q
0
5
15
25
35
45
55
65
75
85
90

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	70	70	70	70	69	69	69	69	66	66	66	63	63	63	60	60	60	60	60	60	54
	1	67	65	62	62	63	63	62	61	61	60	59	58	58	57	57	56	55	54	53	52	50
	2	63	59	57	54	61	58	56	54	56	54	53	55	53	51	53	52	50	49	47	46	49
	3	59	54	51	48	58	54	50	48	52	49	47	51	48	46	49	47	46	45	44	43	45
	4	55	50	46	43	54	49	46	43	48	45	43	47	44	42	46	43	42	41	40	42	41
	5	52	46	42	39	51	46	42	39	44	41	39	43	40	38	42	40	38	40	38	37	37
	6	49	43	39	36	48	42	38	35	41	38	35	40	37	35	39	37	35	34	33	34	34
	7	46	40	36	33	45	39	35	32	38	35	32	38	34	32	37	34	33	32	31	30	31
	8	43	37	33	30	42	36	33	30	36	32	30	35	32	30	34	32	29	29	28	27	26
	9	41	34	30	28	40	34	30	28	33	30	27	33	30	27	32	29	27	27	26	25	24
	10	39	32	28	26	38	32	28	26	31	28	25	31	28	25	30	27	25	24	23	22	21

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance