



CERTIFICATIONS

- cULus
- RoHS
- IECC
- New York state

CRI 90+

COLOR QUALITY 3-Step MacAdam Ellipses

LUMEN OUTPUT 1000 Lumens

LUMEN PER WATT Up to 64

CCT 30K-16K

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 RL629 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 RL629 LED retrofits meet all new mandatory California Title 24 requirements.

The Elite RL629 LED Module has been engineered for new constructions to meet Title-24's "No Edison Socket" mandate. The Elite RL629 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	15W(+/-5%)	1000

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.

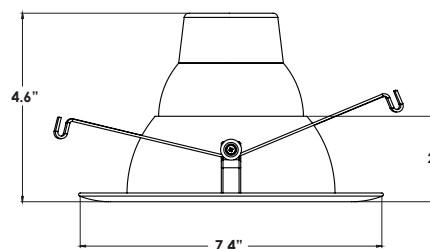
OUR WORD

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

FEATURES

- Over 1000 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" or 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.

LED
6"
5"

6 / 5 INCH LED RETROFIT MODULE

RL629

UNIVERSAL 6", 5" LED RETROFIT REFLECTOR LIGHTING MODULE

R30 Lamp



Before

RL629 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.

RL629						
TYPE	1000L SERIES	CCT	SD	CRI	FINISH	OPTION
RL629 (Reflector)	☐ 1000L-DIMTR-120	☐ 30K-16K	☐ SD	☐ 90+	☐ W-WH	☐ GU24SA GU24 SOCKET ADAPTER

Ordering Guide for Compatible Housing

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

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 RL629 LED SYSTEM

LUTRON DIMMERS

INCANDESCENT

Diva DVCL-153P
Skylark CTCL-153P
Nova N-600
NovaT NT-600
Skylark S-600
Ariadni 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
Decorra 6674
Toggle Dimmer TGI06-1LW

LUTRON CONTROL SYSTEM

MAGNETIC LOW VOLTAGE

NovaNLV-600
NovaT NTLV-600
Diva DVLV-600P
Leviton Dimmer 6613-PL

LED

6"
5"

6 / 5 INCH LED RETROFIT MODULE

RL629-1000L-DIMTR-120-30K-16K-SD-90-W-WH

INPUT WATTS: 15.6

LUMENS: 1113

CRI: 90

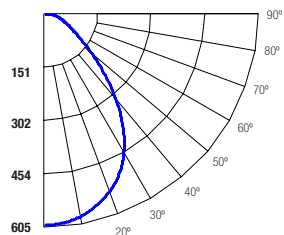
EFFICACY: 71

CCT: 3000K

TEST NO.: EL104016

SPACING CRITERIA: 1.16

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	216.38	N.A.	19.40
0-30	446.24	N.A.	40.10
0-40	687.20	N.A.	61.70
0-60	989.35	N.A.	88.90
0-80	1099.65	N.A.	98.80
0-90	1113.4	N.A.	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	17763	19361	19779
55	10801	12403	14478
65	7835	8948	11065
75	7529	8234	8356
85	5467	8772	8760

Lumens Per Zone

Zone	Lumens
0-10	56.87
10-20	159.51
20-30	229.85
30-40	240.96
40-50	186.67
50-60	115.48
60-70	70.52
70-80	39.78
80-90	13.75

Candela Tabulation

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0	604.97	600.02	566.08	501.04	383.18	229.34	113.12	60.46	35.58	8.70	0.32									

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%	0%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
	1	111	107	103	100	108	104	101	98	100	98	95	96	94	92	93	91	90	88			
	2	102	95	90	85	100	94	88	84	90	86	82	87	83	80	84	81	78	76			
	3	95	86	79	73	92	84	78	73	81	76	71	79	74	70	76	72	69	67			
	4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59			
	5	82	70	63	57	80	69	62	56	67	61	56	66	60	55	64	59	55	53			
	6	76	64	56	51	74	63	56	51	62	55	50	60	54	50	59	53	49	47			
	7	71	59	51	46	70	58	51	46	57	50	45	55	49	45	54	49	45	43			
	8	67	54	47	42	65	54	46	41	53	46	41	51	45	41	50	45	41	39			
	9	63	50	43	38	61	50	43	38	49	42	38	48	42	37	47	41	37	36			
10	59	47	40	35	58	46	39	35	45	39	35	45	39	34	44	38	34	33				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance