

Fits square J-Box with min. 2.125" depth

**FEATURES**

The Elite RL671 has been engineered for New Construction, Remodel and Retrofit applications for 6, 5, and 4 inch downlights as well as application in standard junction boxes.

LUMENS	800
CCT	27K, 30K, 40K
CRI	85+, 90+
COLOR QUALITY	3-Step MacAdam Ellipse
TRIM	Cast aluminum trim
FINISH	W-WH
DIMMING	DIMTR (Triac)
LIFETIME	50,000 Hours

- California Title-24 compliance
- Fits in most 6, 5 and 4 inch downlight housings and junction boxes
- Die-cast aluminum housing
- Elite Air-Shut™
- Dimmable
- Fast and easy to install in limited space locations
- 50,000 Hours Life
- 5 Year Warranty

EXAMPLE: **RL671-800L-DIMTR-120-30K-90-W-WH**

TYPE	LUMEN	CCT	CRI	FINISH	OPTIONS
RL671	<input type="checkbox"/> 800L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH	<input type="checkbox"/> GU24SA GU24 SOCKET ADAPTER

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
800	680	10W

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



COMPATIBLE JUNCTION BOXES FOR RL670

**Note:** A 2-1/8" deep octagon junction box is recommended for through circuit wiring applications.



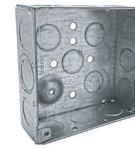
3" / 4" Round (Plastic)



3" / 4" Square (Plastic)



3" / 4" Octagonal (Metal)



4" Square (Metal)



Fire Rated J-Box



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.

INSTALLATION

- Comes with industry standard torsion springs or mounting clips that can be adjusted to fit in most junction boxes and most 6", 5", 4" downlight housings.
- Custom designed bracket included for mounting in standard size junction box.

ORDERING GUIDE FOR COMPATIBLE HOUSING

IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel	IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD6IC, HLD6IC-AT,	LD6-AT, HLD6-AT, B6-AT	LD6RIC-AT	LD6R-AT, HLD6R-AT	LD5IC-AT	LD5-AT	LD5RIC-AT	LD5R-AT
LD600IC-AT, EZ6IC-AT		HLD6RIC-AT	B6R-AT	HLD5IC-AT	HLD5-AT	HLD5RIC-AT	HLD5R-AT
B6IC-AT, B6IC-100-AT		EZ6IC-AT		B5IC-AT	B5-AT	B5RIC-AT	B5R-AT
B600-IC		B6RIC-AT		B25IC-AT		B25RIC-AT	

4" ORDERING GUIDE FOR COMPATIBLE HOUSING

IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD4IC-AT	LD4-AT	LD4RIC-AT	LD4R-AT
HLD4IC-AT	HLD4-AT		HLD4R-AT
B4IC-AT	B4-AT		B4R-AT

DIMMERS

LUTRON	LEVITON
SCL-153P DVCL-153P TGCL153P	Decora-6671 Decora-6883

PHOTOMETRIC

RL671-800L-DIMTR-120-30K-90-WH

TEST NO.: EL08051911

INPUT WATTS: 9.94308

LUMENS: 680

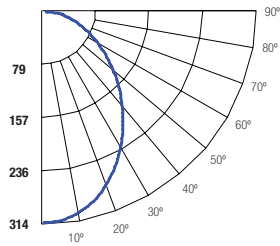
CRI: 90

EFFICACY: 68

CCT: 3000K

SPACING CRITERIA: 1.22

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	110.89	16.30	16.30
0-30	226.49	33.30	33.30
0-40	353.82	52.00	52.00
0-60	568.77	83.60	83.60
0-80	672.31	98.80	98.80
0-90	679.47	99.90	99.90

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	981	981	1002
55	838	840	861
65	701	706	729
75	582	592	616
85	46	11	15

Lumens Per Zone

Zone	Lumens
0-10	29.42
10-20	81.47
20-30	115.60
30-40	127.33
40-50	118.83
50-60	96.13
60-70	66.37
70-80	37.18
80-90	7.16

Candela Tabulation

0	313.67
5	310.12
15	287.37
25	248.02
35	199.87
45	150.21
55	104.08
65	64.19
75	32.63
85	0.87
90	0.05

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	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	106	106	106	102	102	102	100							
1	110	105	101	98	107	103	100	96	99	96	93	95	93	90	91	89	88	86							
2	101	93	87	81	98	91	85	80	88	83	78	84	80	77	81	78	75	73							
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63							
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	65	60	56	54							
5	79	66	58	52	76	65	57	51	63	56	51	61	55	50	59	54	50	48							
6	73	60	52	46	71	59	51	45	57	50	45	56	49	45	54	49	44	42							
7	68	55	46	41	66	54	46	40	53	45	40	51	45	40	50	44	40	38							
8	63	50	42	37	62	50	42	36	48	41	36	47	41	36	46	40	36	34							
9	59	46	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31							
10	56	43	35	30	54	42	35	30	41	35	30	41	34	30	40	34	30	28							

Cone of Light			
2	78.4	3.9	3.9
4	19.6	7.9	7.8
6	8.71	11.8	11.7
8	4.9	15.7	15.6
10	3.14	19.7	19.5
12	2.18	23.6	23.4

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

RC - Ceiling Cavity Reflectance RW - Wall Reflectance