

Torsion Springs (Included)

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000	1166	15W

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

#### INSTALLATION

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 RL677 has been engineered for standard junction boxes. 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 Incandescent. Plus the Elite RL677 features 50,000 hours of life, and California Title-24 compliance. Greater light output than a 26W CFL or a 65W BR30 while consuming less than 15W of power.

LUMENS	1000
CCT	27K, 30K, 40K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
TRIM	Cast aluminum trim
FINISH	White
DIMMING	DIMTR (Triac)
LIFETIME	50,000 Hours

- California Title-24 compliance
- Dimmable
- 50,000 Hours Life
- 5 Year Warranty
- Wet Location

EXAMPLE: **RL677-1000L-DIMTR-120-30K-90-W-WH**

TYPE	LUMEN	CCT	CRI	FINISH	OPTIONS
RL677	<input type="checkbox"/> 1000L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH	<input type="checkbox"/> GU24SA GU24 SOCKET ADAPTER

COMPATIBLE JUNCTION BOXES



4" Shallow Pancake Box



4" Round (Plastic)



4" Octagonal (Metal)



Fire Rated J-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	

**RL677-1000L-DIMTR-120-27K-90-W-WH**

INPUT WATTS: **15.25**

LUMENS: **1059**

CRI: **90**

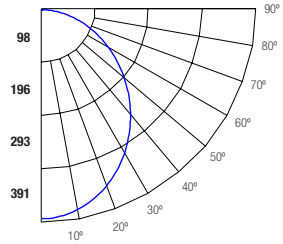
EFFICACY: **69**

CCT: **2700K**

TEST NO.: **EL05082054**

SPACING CRITERIA: **1.32**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	141.28	13.3	13.3
0-30	296.29	28	28
0-40	478.23	45.2	45.2
0-60	824.15	77.8	77.8
0-80	1024.9	96.8	96.8
0-90	1055.12	99.7	99.6

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

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	17928	18114	18638
55	16722	16971	17610
65	15444	15780	16602
75	14131	14642	15814
85	14874	16009	18462

Lumens Per Zone

Zone	Lumens
0-10	36.86
10-20	104.42
20-30	155.01
30-40	181.93
40-50	183.56
50-60	162.37
60-70	124.11
70-80	76.64
80-90	30.22

Candela Tabulation

0	
0	390.34
5	387.39
15	367.36
25	331.67
35	284.88
45	231.46
55	175.12
65	119.17
75	66.78
85	23.67
90	0.04

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC RW	80%				70%				50%				0%					
	70%	50%	30%	10%	70%	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	108	103	99	95	106	101	97	93	97	93	90	93	90	87	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	78	70	64	74	68	63	72	66	61	69	64	60	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
7	65	51	43	36	63	51	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	33	59	46	38	32	45	37	32	44	37	32	42	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24

RC - Ceiling Cavity Reflectance

**RL677-1000L-DIMTR-120-30K-90-W-WH**

INPUT WATTS: **15.42**

LUMENS: **1166**

CRI: **90**

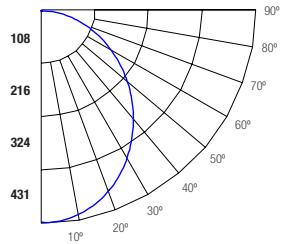
EFFICACY: **76**

CCT: **3000K**

TEST NO.: **EL02032108**

SPACING CRITERIA: **1.32**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	155.95	13.4	13.4
0-30	327.1	28	28
0-40	527.9	45.3	45.3
0-60	909.45	78	78
0-80	1129.86	96.9	96.9
0-90	1162.35	99.7	99.7

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

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	20408	20569	20818
55	19129	19367	19697
65	17770	18117	18579
75	16408	16970	17676
85	17891	18843	20385

Lumens Per Zone

Zone	Lumens
0-10	40.68
10-20	115.27
20-30	171.14
30-40	200.8
40-50	202.51
50-60	179.04
60-70	136.61
70-80	83.8
80-90	32.49

Candela Tabulation

0	
0	430.78
5	428.93
15	409.51
25	372.47
35	321.9
45	263.48
55	200.33
65	137.12
75	77.54
85	28.47
90	0.03

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC RW	80%				70%				50%				0%					
	70%	50%	30%	10%	70%	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	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	74	71	69
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50
5	76	63	54	47	74	62	53	47	60	52	46	57	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	35	33
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24

RC - Ceiling Cavity Reflectance