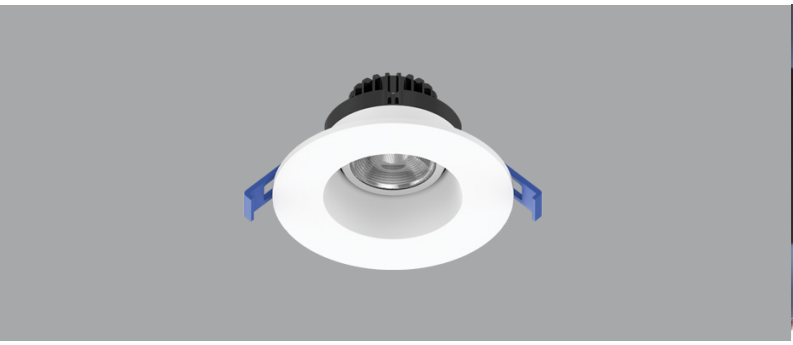
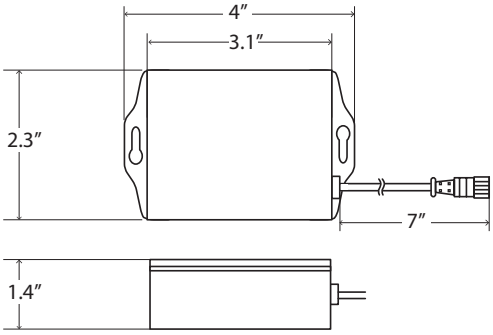
elite LED LIGHTING

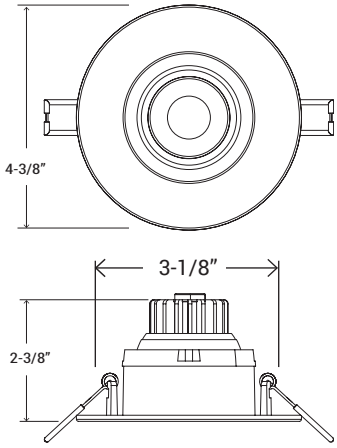
RL372

3 Inch Recessed Gimbal with Reflector

3″







NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
600	641	8W

Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. The width in ceiling needed for the driver to fit is 3″.

FEATURES

LED adjustable gimbal downlight with 360-degree rotation and 30-degree tilt. Engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	600
CCT	27K, 30K, 35K, 40K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Adjustable
BEAM ANGLE	30 Degrees
COLORS	WH (White-standard)
DIMMING	DIMTR (Triac)
EMERGENCY	16W high voltage inverter
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

- IC-Rated and Air-Tight ready and may be in direct contact with insulation.
- Can be installed in applications with limited plenum clearance.
- May be installed in drywall or suspended ceilings.
- Flicker-free 120V forward-phase Triac dimming down to 5%.
- Even illumination of luminaire is achieved by utilizing patent-pending optics along with edgelit LED technology.
- Aluminum die-cast body and trim.
- ETL Listed for damp location.

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

SLIM TRIM

ACCESSORIES

RL-ACC-SLIM-1-10F
10-ft long extension

RL-ACC-SLIM-1-20F
20-ft long extension

EXAMPLE: **RL372-600L-DIMTR-120-30K-90-WH**

	TYPE	LUMEN	CCT	CRI	FINISH
	RL372	❑ 600L-DIMTR-120	❑ 27K ❑ 30K ❑ 35K ❑ 40K	❑ 90+	❑ WH - White (Standard)

RL-ACC-SLIM-1-10F

OPTIONS
❑ **RL-ACC-SLIM-1-10F** - 10ft Long Extension
❑ **RL-ACC-SLIM-1-20F** - 20ft Long Extension
❑

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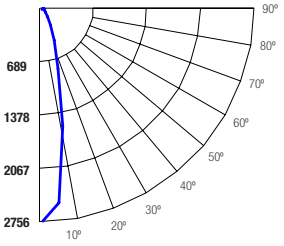
RL372-LED-600L-DIMTR-120-30K-90-WH TEST NO.: **EL071892**

INPUT WATTS: **8** LUMENS: **641** CRI: **90** EFFICACY: **80** CCT: **3000K** SPACING CRITERIA: **0.40**

Candle Power Distribution (Candelas)



Cone of Light			
2	689	0.7	0.8
4	172	1.5	1.6
6	76.6	2.2	2.4
8	43.1	3	3.2
10	27.6	3.7	4
12	19.1	4.5	4.8
(FT.)Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	440.23	70.80	68.60
0-30	554.45	89.20	86.50
0-40	600.27	96.50	93.60
0-60	633.63	101.90	98.80
0-80	640.54	103.00	99.90
0-90	641.29	103.10	100.00

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3090	3889	5405
55	1270	1602	1574
65	790	882	977
75	384	444	542
85	22	816	972

Lumens Per Zone

Zone	Lumens
0-10	201.25
10-20	238.98
20-30	114.21
30-40	45.82
40-50	23.43
50-60	9.93
60-70	4.95
70-80	1.96
80-90	0.76

Candela Tabulation

	0
0	2756.27
5	2526.47
15	811.48
25	243.08
35	63.20
45	22.44
55	7.48
65	3.43
75	1.02
85	0.02
90	0.02

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	123	123	123	123	120	120	120	120	115	115	115	110	110	110	105	105	105	103
	1	118	116	113	111	116	113	111	110	109	108	106	105	104	103	102	101	100	98
	2	113	109	106	103	111	108	104	102	104	102	100	101	99	97	99	97	95	94
	3	109	104	100	96	107	102	99	95	100	97	94	97	95	93	95	93	91	90
	4	105	99	94	91	104	98	94	90	96	92	89	94	91	88	92	89	87	86
	5	101	95	90	86	100	94	89	86	92	88	85	90	87	84	89	86	84	82
	6	98	91	86	82	97	90	85	82	89	85	82	87	84	81	86	83	81	79
	7	95	87	82	79	94	87	82	79	85	81	78	84	81	78	83	80	78	77
	8	92	84	79	76	91	84	79	76	83	79	76	82	78	75	81	77	75	74
	9	89	81	77	73	88	81	76	73	80	76	73	79	75	73	78	75	73	71
	10	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69

***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

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