

RL372 LED

3" GIMBAL LED FIXTURE WITH REFLECTOR



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- ▶ 2-3/8" THICK LED FIXTURE WITH HIGHER BRIGHTNESS
- ▶ FOR NEW CONSTRUCTION – INSULATED AND DROPPED CEILINGS

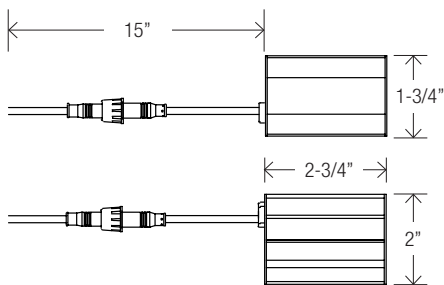
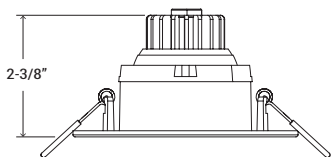
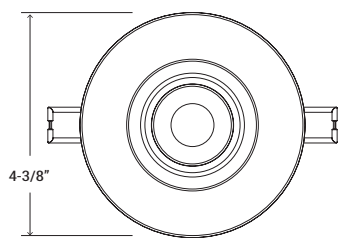
INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	INPUT POWER	LUMENS
120	60Hz	<20%	>0.98	8W(+/-5%)	600L

▶ FEATURES

3" fixtures with integral LEDs. Isolated external driver factory installed inside junction box. One driver for every fixture required. PF>0.98.

- ▶ Cast aluminum trim
- ▶ Dimmable
- ▶ ETL approved and Energy Star Certified
- ▶ Type IC Rated – Approved for direct contact with insulation
- ▶ Air-tight and damp location approved
- ▶ Fast and easy to install in limited space locations
- ▶ External driver factory mounted inside connection box - 120V
- ▶ New construction rough-in plates and jumper cables available
- ▶ Available Temperatures (3000K, 3500K and 4000K)
- ▶ 50,000 Hours Life; 5 Year Warranty

DIMENSION



INSTALLATION

- Cut hole in ceiling and snap fixture in opening with attached spring clips. Space in ceiling needed for the driver to fit through the ceiling height – 3".

TECHNICAL SPECIFICATIONS

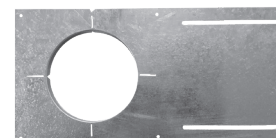
- ▶ **WATTAGES:** 8W
- ▶ **OUTPUT:** Default Driver Voltage: 120V AC 60 Hz (Dimmable)
- ▶ **CRI:** 90+
- ▶ **AMBIENT TEMPERATURE:** -40°F (-40°C) to +104°F (+40°C)



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



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



RL-ACC-SLIM-3-ROUGHPLATE

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

TYPE	LUMEN	CCT	CRI	FINISH	ACCESSORIES
RL372	<input type="checkbox"/> 600L-DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	90+	<input type="checkbox"/> WH (White)	<input type="checkbox"/> RL-ACC-SLIM-1-10F <input type="checkbox"/> RL-ACC-SLIM-1-20F <input type="checkbox"/> RL-ACC-SLIM-3-Roughplate



CERTIFICATIONS

- ETL listed
- ENERGY STAR

RL372 LED

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RL372-LED-600L-DIMTR-120-30K-90-WH

TEST NO.: EL071892

INPUT WATTS: 8

LUMENS: 641

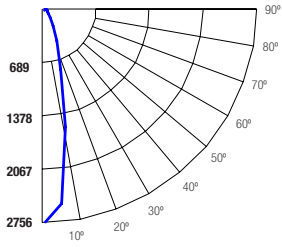
CRI: 85+

EFFICACY: 80

CCT: 4000K

SPACING CRITERIA: 0.40

Candle Power Distribution (Candelas)



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/M²)

Angle in Degrees	Average		
	0°	45°	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

Q	Candela
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%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	123	123	123	123	120	120	120	120	115	115	115	110	110	110	105	105	105	105	105	105	103
1	118	116	113	111	116	113	111	110	109	108	106	105	104	103	102	101	100	100	100	100	98
2	113	109	106	103	111	108	104	102	104	102	100	101	99	97	99	97	95	94	94	94	94
3	109	104	100	96	107	102	99	95	100	97	94	97	95	93	95	93	91	91	91	91	90
4	105	99	94	91	104	98	94	90	96	92	89	94	91	88	92	89	87	86	86	86	86
5	101	95	90	86	100	94	89	86	92	88	85	90	87	84	89	86	84	84	84	84	82
6	98	91	86	82	97	90	85	82	89	85	82	87	84	81	86	83	81	81	81	81	79
7	95	87	82	79	94	87	82	79	85	81	78	84	81	78	83	80	78	78	78	78	77
8	92	84	79	76	91	84	79	76	83	79	76	82	78	75	81	77	75	75	75	75	74
9	89	81	77	73	88	81	76	73	80	76	73	79	75	73	78	75	73	73	73	73	71
10	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	70	70	69

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light		
4.0	172 fc	1.6 ft
8.0	43.1 fc	3.2 ft
12.0	19.1 fc	4.8 ft
16.0	10.8 fc	6.3 ft
20.0	6.89 fc	7.9 ft
24.0	4.79 fc	9.5 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

LED

3"