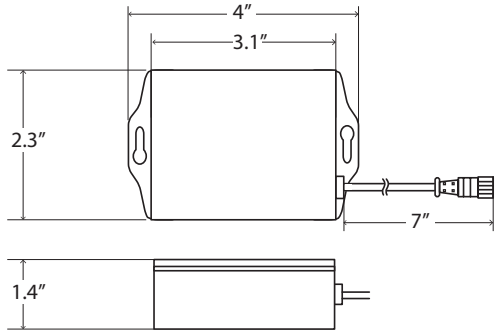
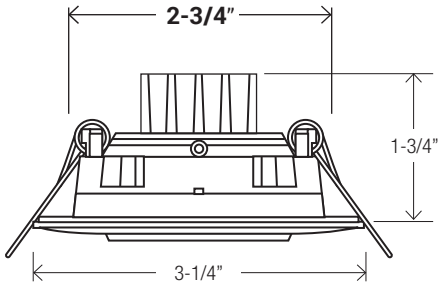
elite LED LIGHTING

RL373

3 Inch Recessed Gimbal Slim LED

3″





NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
600	658	8W

Based on 2700K, 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

3″ LED adjustable gimbal slim with interchangeable optic, 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 are and shallow depth ideal for unlimited applications.

LUMENS	600
CCT	27K, 30K, 40K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Adjustable
BEAM ANGLE	30 Degrees
DISTRIBUTION	ND-24 degrees (Narrow), MD-38 degrees (Medium), WD-60 degrees (Wide)
COLORS	WH (White-standard), BK (Black), BZ(Bronze), SN (Satin Nickel)
DIMMING	DIMTR (Triac)
EMERGENCY	16W high voltage inverter (remote)
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.

SLIM TRIM

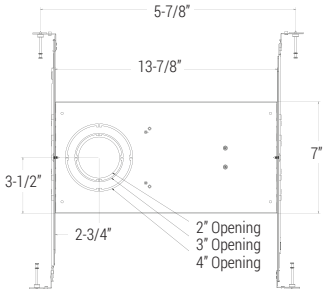
EXAMPLE: **RL373-600L-DIMTR-120-30K-90-ND-WH**

	TYPE	LUMEN	CCT	CRI	DISTRIBUTION	FINISH
	RL373	❑ 600L-DIMTR-120	❑ 27K ❑ 30K ❑ 40K	❑ 90+	❑ ND - Narrow ❑ MD - Medium ❑ WD - Wide	❑ WH - White (Standard) ❑ BK - Black ❑ BZ - Bronze ❑ SN - Satin Nickel

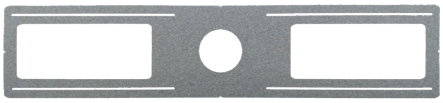
ACCESSORIES

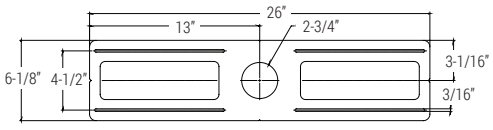
RL-ACC-SLIM-1-10F
10-ft long extension

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



RL-UNV-2/3/4
For use with: 2", 3", 4"
Universal mounting plate





RL-ACC-SLIM-2-ROUGHPLATE
Rough-in plate for use with 3" downlights

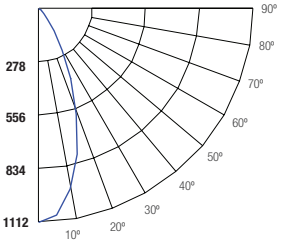
RL-ACC-SLIM-1-10F

OPTIONS
❑ **RL-ACC-SLIM-1-10F** - 10ft Long Extension
❑ **RL-ACC-SLIM-1-20F** - 20ft Long Extension
❑ **RL-UNV-2/3/4** - Universal Mounting Plate for 2",3" and 4"
❑ **RL-ACC-SLIM-2-ROUGHPLATE** - 2" Mounting Plate

RL373-600L-DIMTR-120-27K-90-MD-WH TEST NO.: **EL041851**

INPUT WATTS: **8.1** LUMENS: **658** CRI: **90** EFFICACY: **81** CCT: **2700K** SPACING CRITERIA: **0.70**

Candle Power Distribution (Candelas)



Cone of Light			
2	278	1.5	1.6
4	69.5	2.9	3.1
6	30.9	4.4	4.7
8	17.4	5.8	6.2
10	11.1	7.3	7.8
12	7.72	8.8	9.3
(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	296.66	45.60	45.10
0-30	478.48	73.60	72.70
0-40	576.41	88.70	87.60
0-60	636.01	97.80	96.70
0-80	656.60	101.00	99.80
0-90	657.76	101.20	100.00

Luminance (Average candela/M^2)

Angle in Degrees	Average 0º	Average 45º	Average 90º
45	11875	20817	14834
55	6894	9736	10041
65	7003	8776	6677
75	5366	9675	6475
85	4273	0	0

Lumens Per Zone

Zone	Lumens
0-10	93.57
10-20	203.08
20-30	181.83
30-40	97.93
40-50	40.00
50-60	19.59
60-70	13.15
70-80	7.44
80-90	1.16

Candela Tabulation

	0
0	1112.34
5	1079.38
15	784.50
25	399.68
35	139.93
45	38.33
55	18.05
65	13.51
75	6.34
85	1.70
90	0.05

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	120	120	120	120	118	118	118	118	112	112	112	108	108	108	103	103	103	101
	1	115	112	109	107	112	109	107	105	105	103	102	102	100	99	98	97	96	94
	2	109	104	99	96	106	102	98	95	99	95	93	96	93	91	93	91	89	87
	3	103	97	92	87	101	95	91	87	93	89	85	90	87	84	88	85	83	81
	4	98	90	85	80	96	89	84	80	87	83	79	85	81	78	83	80	77	76
	5	93	85	79	75	92	84	78	74	82	77	74	80	76	73	79	75	72	71
	6	89	80	74	70	87	79	74	69	78	73	69	76	72	68	75	71	68	67
	7	85	76	70	65	83	75	69	65	74	68	65	72	68	64	71	67	64	63
	8	81	72	66	62	80	71	65	61	70	65	61	69	64	61	68	64	61	59
	9	77	68	62	58	76	67	62	58	66	61	58	66	61	58	65	61	57	56
	10	74	65	59	55	73	64	59	55	63	58	55	63	58	55	62	58	55	53

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