

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
600	654	8W
1000	1158	14W

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

2" round LED baffle luminaire 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, 1000
ССТ	27K, 30K, 35K, 40K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Baffle
COLORS	WH (White-standard)
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: RL275-600L-DIMTR-120-30K-90-WH

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	TYPE	LUMEN	CCT	CRI	FINISH
	RL275	☐ 1000L-DIMTR-120	□ 27K	□ 90+	□ W-WH - White (Standard)
		☐ 600L-DIMTR-120	□ 30K		, ,
			□ 35K		
			□ 40K		

ACCESSORIES

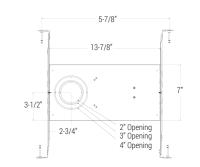




RL-ACC-SLIM-1-10F 10-ft long extension

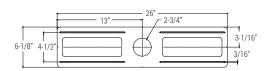
RL-ACC-SLIM-1-20F 20-ft long extension





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 2" downlights

RL-ACC-SLIM-1-10F

□ 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	





INPUT WATTS: 8.3

RL275-600L-DIMTR-120-30K-90-WH

LUMENS: 654

TEST NO.: **EL011927** SPACING CRITERIA: 0.48

> 0% 0%

Candela Tabulation

0 5

15 25 35

45 55 65

75 85

90

0

3874.53

3532.41

1621.12 269.55

63.06

37.76 22.09

10.26

2.33 0.02

0.02

Candle Power Distribution (Candelas) 637 1275 1912

20°

624

156

69.3

39

24.9

2

8

10

2 4 6

8

10

12

Zonai Lumens Summary							
Zone	Lumens	%Lamp	%Fixt				
0-20	497.62	76.10	76.10				
0-30	598.13	91.40	91.40				
0-40	621.78	95.00	95.00				
0-60	647.43	99.00	99.00				
0-80	653.00	99.80	99.80				
0-90	653.01	99.80	99.80				

CRI: **90**

Luminance (Average candela/M²)						
Angle in Degrees	Average 0°	Average 45°	Average 90°			
45	1266	1380	1567			
55	807	923	1070			
65	406	528	669			
75	2	140	288			
85	6	6	6			

CCT: **3000K**

Tabulation	Candela	Lumens Per Zone		
<u>0</u>		Lumens	Zone	
2494.63 2132.44 903.92 115.37 32.23 18.02 9.32 3.45 0.01	0 5 15 25 35 45 55 65 75 85	200.25 297.37 100.52 23.65 15.88 9.76 4.61 0.96	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	
0.01	90			

Lumens Per Zone

320.90

506.99

214.49

48.11

31.90

10.95

3.03

0.01

Zone

0-10

10-20

20-30

30-40

40-50

50-60

60-70

70-80

80-90

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

RC	8	80%	70%		50%	30%	10%
RW	70% 50% 3	30% 10%	70% 50%	30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%
BOOM CAVITY RATIO	110 107 107 102 103 97 100 93 96 90 93 86 91 84 88 81 86 78	119 119 110 109 103 101 98 95 93 90 89 86 85 82 82 79 77 74 74 71	116 116 112 110 108 105 105 100 101 96 98 92 95 89 92 86 90 83 87 80 85 78	116 116 108 107 102 100 97 94 92 89 88 85 85 82 82 79 76 76 73 74 71	111 111 111 106 105 104 102 99 97 98 95 92 94 91 88 91 87 84 88 84 81 85 81 78 80 76 73 77 74 71	106 106 106 103 101 100 99 97 95 95 93 91 92 89 87 89 86 84 86 83 81 84 80 78 81 78 75 79 75 73 77 73 71	102 102 99 98 97 96 95 93 93 91 90 98 86 86 88 85 82 80 83 85 77 87 75 73 76 73 71
	91 84 88 81	79 76 77 74 74 71	90 83 87 80	79 76 76 73 74 71	82 78 76 80 76 73	81 78 75 79 75 73	3

Luminance (Average candela/M2)

18279

13183

8310

3082

79

Average Average Average

45°

18512

12962

7978

2751

39

20027

13577

8286

3134

39

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

RL275-1000L-DIMTR-120-30K-90-WH

1.9

29

3.9

4.8

1.9

29

3.9

4.9

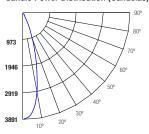
TEST NO.: **EL11121929** INPUT WATTS: **14.7552** CRI: **90** EFFICACY: 78 CCT: **3000K** SPACING CRITERIA: 0.50 LUMENS: 1158

Angle in

Degrees

EFFICACY: 79

Candle Power Distribution (Candelas)							
973	90°						



100	30°	40°		C E1
	Cone of	Light		
	969	1.1	1	
	242	2.1	2.1	A710
	108	2.2	2.1	L 4

42

5.3

6.3

4.1

5.1

6.2

BEAM	DIA.	MEASURED	ΑT	50%	0F	NADIR	F.C.	
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60.5

38.7

26.9

Zonal Lumens Summary							
Zone	Lumens	%Lamp	%Fixt				
0-20	827.89	71.50	71.50				
0-30	1042.37	90.00	90.00				
0-40	1090.49	94.20	94.20				
0-60	1143.19	98.70	98.70				
0-80	1157.17	99.90	99.90				

0-60 0-80 0-90	1143.19 1157.17 1157.19	98.70 99.90 99.90	98.70 99.90 99.90	55 65 75 85

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

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	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 1 2 3 4 5 6 7 8 9	119 114 110 106 102 99 95 92 89 86 84	119 112 106 101 96 92 88 85 82 79 76	119 110 103 97 92 87 84 80 77 74 72	119 108 100 93 88 84 80 77 74 71 69	116 112 108 104 100 97 94 91 88 85 83	116 110 104 99 95 91 87 84 81 79 76	116 108 101 96 91 87 83 80 77 74 72	116 106 99 93 88 84 80 77 74 71 69	111 106 101 97 93 89 86 83 80 78 75	111 104 99 94 89 86 82 79 76 74	111 103 97 91 87 83 79 76 74 71	106 102 98 95 91 88 85 82 79 77	106 101 96 92 88 85 81 79 76 73 71	106 100 95 90 86 82 79 76 73 71 68	102 99 96 92 89 86 84 81 78 76	102 98 94 90 87 84 81 78 75 73	102 97 93 89 85 81 78 76 73 71 68	100 95 91 87 84 80 77 74 72 69 67

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance