

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
600	632	8W
1000	1015	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" LED luminaire with field-changeable reflector 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 Reflector
TRIM COLORS	WH (White-standard) BZ (Bronze), BK (Black), CP (Copper), SN (Satin Nickel)
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DISTRIBUTION	24 degree, 38 degree and 60 degree
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

TRIM RINGS

RL271-RT-W-WH White-White



RL271-RT-SN-SN Satin Nickel-Satin Nickel



RL271-RT-MB-BK Black-Black



RL271-RT-MB-WH Black-White



RL271-RT-BZ-BZ Bronze-Bronze



RL271-RT-CP-CP Copper-Copper

RL271-RT-BZ-BZ

INSERTS	
□ RL271-RT-BZ-BZ-Bronze	
□ RL271-RT-CP-CP-Copper	
☐ RL271-RT-MB-BK-Black	
☐ RL271-RT-SN-SN-Satin Ni	ckel
☐ RL271-RT-MB-WH-Black/	White
☐ RL271-RT-W-WH-White/W	/hite
STILE/THIT-W-WII-WHILE/VI	THILE

ACCESSORIES

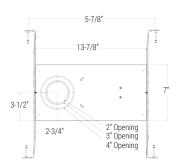


RL-ACC-SLIM-1-10F 10-ft long extension



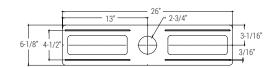
RL-ACC-SLIM-1-20F 20-ft long extension





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

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



11144	LUMEN	551	Uni	DISTRIBUTION	FINISH
RL271	☐ 1000L-DIMTR-120	□ 27K	□ 90+	□ 24D	□ SHZ-WH
	☐ 600L-DIMTR-120	□ 30K		□ 38D	Satin Haze/White
		□ 35K		□ 60D	(Standard)
		□ 40K			

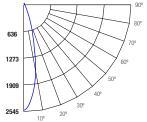




RL271-600L-DIMTR-120-30K-90-SHZ-WH

TEST NO.: **EL08051928** INPUT WATTS: **8.1493** CRI: **90** EFFICACY: 78 CCT: **3000K** SPACING CRITERIA: 0.46 LUMENS: 632

Candle Power Distribution (Candelas)								
			90°					
		-	80°					



Zonal Lumens Summary								
Zone	Lumens	%Lamp	%Fixt					
0-20	507.00	80.30	80.30					
0-30	608.17	96.30	96.30					
0-40	623.82	98.80	98.80					
0-60	629.33	99.60	99.60					
0-80	630.92	99.90	99.90					
0-90	630.93	99.90	99.90					

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	23	28	42
55	12	13	14
65	10	11	12
75	12	14	15
85	1	1	1

Lumens Pe	r Zone	Candela	Tabulation
Zone	Lumens		<u>0</u>
0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	206.52 300.48 101.17 15.65 4.11 1.40 0.95 0.63 0.02	0 5 15 25 35 45 55 65 75 85	2521.07 2216.71 902.76 132.03 16.46 3.56 1.51 0.89 0.65 0.01
			0.01

Cone of Light						
2	370	1.2	1.2			
4	92.5	2.3	2.3			
6	41.1	3.5	3.5			
8	23.1	4.6	4.7			
10	14.8	5.8	5.9			
12	10.3	7	7			

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

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 1 2 3 4 5 6 7 8 9	119 115 111 108 104 101 98 95 93 90 88	119 113 108 103 99 95 92 89 86 84 81	119 111 105 99 95 91 88 85 82 79	119 109 102 96 92 88 85 82 79 77	116 113 109 106 103 100 97 94 92 89 87	116 111 106 102 98 94 91 88 86 83 81	116 109 103 98 94 91 87 84 82 79	116 107 101 96 91 88 84 82 79 77	111 107 103 99 96 93 90 87 85 82 80	111 105 101 96 93 89 86 84 81 79	111 104 99 94 90 87 84 81 79 76	106 103 100 97 94 91 89 86 84 82 79	106 102 98 95 91 88 86 83 81 78	106 101 97 93 89 86 83 81 78 76	102 100 97 95 92 90 87 85 83 81 79	102 99 96 93 90 87 85 82 80 78	102 98 95 91 88 85 83 80 78 76	100 96 93 90 87 84 82 79 77 75

RC - Ceiling Cavity Reflectance

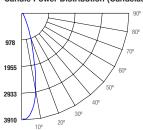
RW - Wall Reflectance

CRI: **90**

RL271-1000L-DIMTR-120-30K-90-SHZ-WH

INPUT WATTS: 14.3777 LUMENS: 1015 EFFICACY: 71 CCT: 3000K TEST NO.: **EL10061928** SPACING CRITERIA: 0.48

Candle Power Distribution (Candelas)



Zonal Lur	nens Sumr	nary
Zone	Lumens	%Laı

0-30 979.37 96.50 96.50 0-40 1002.66 98.80 98.80 0-60 1011.56 99.60 99.60 0-80 1014.27 99.90 99.30	Zone	Lumens	%Lamp	%Fixt
0-40 1002.66 98.80 98.8 0-60 1011.56 99.60 99.0 0-80 1014.27 99.90 99.3	0-20	817.08	80.50	80.50
0-60 1011.56 99.60 99.6 0-80 1014.27 99.90 99.6	0-30	979.37	96.50	96.50
0-80 1014.27 99.90 99.9	0-40	1002.66	98.80	98.80
	0-60	1011.56	99.60	99.60
0-90 1014 20 00 00 00	0-80	1014.27	99.90	99.90
0 00 1014.29 39.90 39.	0-90	1014.29	99.90	99.90

Luminance (Average candela/M²)										
Angle in Degrees	Average 0°	Average 45°	Average 90°							
45	2672	3364	4207							
55	1761	1862	1814							
65	1515	1701	1725							
75	1852	2195	2209							
85	39	39	39							

Lumens Pe	er Zone	Candela Tabulation					
Zone	Lumens		<u>0</u>				
0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	329.22 487.85 162.29 23.29 6.48 2.42 1.63 1.08 0.02	0 5 15 25 35 45 55 65 75 85	3902.58 3552.40 1334.98 134.96 24.67 5.52 2.95 1.87 1.40				
		an	0.01				

Cone of Light										
2	936	1	1							
4	234	2.1	2.1							
6	104	3.1	3.1							
8	58.5	4.2	4.2							
10	37.4	5.2	5.2							
12	26	6.2	6.3							
(FT.)Distance	(FC.) Initial Footcandle	(FT.) Beam	(FT.) Beam							

POOCANGIE Vert. Spread H
BEAM DIA. MEASURED AT 50% OF NADIR F.C.

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%
BOOM CAVITY RATIO	0 1 2 3 4 5 6 7 8 9	119 115 111 108 104 101 98 95 93 90 88	119 113 108 103 99 95 92 89 86 84 81	119 111 105 99 95 91 88 85 82 79 77	119 109 102 96 92 88 85 82 79 77 74	116 113 109 106 103 100 97 94 92 89 87	116 111 106 102 98 94 91 88 86 83 81	116 109 103 98 94 91 87 84 82 79 77	116 107 101 96 91 88 84 82 79 77	111 107 103 99 96 93 90 87 85 82 80	111 105 101 96 93 89 86 84 81 79	111 104 99 94 90 87 84 81 79 76	106 103 100 97 94 91 89 86 84 82 79	106 102 98 95 91 88 86 83 81 78	106 101 97 93 89 86 83 81 78 76	102 100 97 95 92 90 87 85 83 81 79	102 99 96 93 90 87 85 82 80 78 76	102 98 95 91 88 85 83 80 78 76	100 96 93 90 87 84 82 79 77 75 73

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

