



### 2" ROUND LED FIXTURE WITH BAFFLE

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

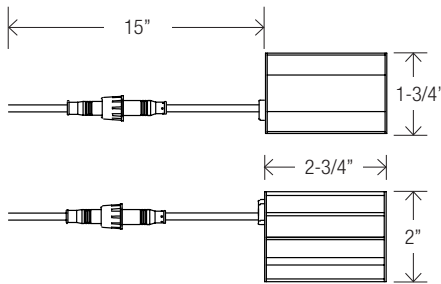
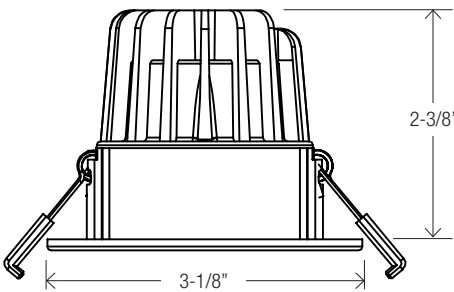
INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	INPUT POWER	LUMENS
120	60Hz	<20%	>0.98	8W(+/-5%)	600L

#### ▶ FEATURES

2" 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
- ▶ 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".



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



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

EXAMPLE: **RL275-600L-DIMTR-120-30K-90-WH**

TYPE	LUMEN	CCT	CRI	FINISH	ACCESSORIES
RL275	<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

LED

2"

2 INCH LED RETROFIT MODULE

# RL275 LED

## 2" ROUND LED FIXTURE WITH BAFFLE

### RL275-LED-DIMTR-120-30K-80-WH

TEST NO.: **EL071893**

INPUT WATTS: **3.9**

LUMENS: **385**

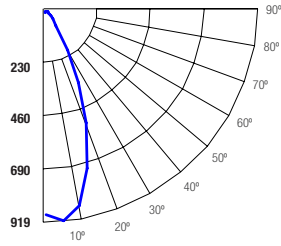
CRI: **85+**

EFFICACY: **99**

CCT: **4000K**

SPACING CRITERIA: **0.60**

#### Candle Power Distribution (Candelas)



#### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	220.08	58.10	57.10
0-30	317.91	83.90	82.50
0-40	352.54	93.00	91.50
0-60	376.37	99.30	97.70
0-80	384.37	101.40	99.70
0-90	385.34	101.60	100.00

#### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	4892	4334	4582
55	3762	3292	2823
65	3157	2696	2074
75	2658	2150	1532
85	2463	2589	2036

#### Lumens Per Zone

Zone	Lumens
0-10	75.19
10-20	144.89
20-30	97.83
30-40	34.63
40-50	15.60
50-60	8.22
60-70	5.26
70-80	2.74
80-90	0.97

#### Candela Tabulation

0	0
0	888.26
5	891.52
15	631.37
25	272.49
35	41.72
45	15.79
55	9.85
65	6.09
75	3.14
85	0.98
90	0.02

#### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light		
4.0	55.5 fc	2.5 ft
8.0	13.9 fc	5.1 ft
12.0	6.17 fc	7.6 ft
16.0	3.47 fc	10.2 ft
20.0	2.22 fc	12.7 ft
24.0	1.54 fc	15.3 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

ROOM CAVITY RATIO	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%	50%	30%	10%	0%				
0	121	121	121	121	121	118	118	118	118	113	113	113	108	108	108	104	104	104	104	104	102					
1	116	113	111	108	108	113	111	109	107	107	105	103	103	102	100	99	98	97	97	96						
2	111	106	102	99	99	108	104	101	98	101	98	96	98	96	94	95	93	92	92	90						
3	106	100	95	91	91	104	98	94	91	96	92	89	93	90	88	91	89	86	85	85						
4	101	94	89	85	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80						
5	97	89	84	80	80	95	88	83	80	87	82	79	85	81	78	83	80	78	76	76						
6	93	85	79	76	76	92	84	79	75	83	78	75	81	77	74	80	76	74	72	72						
7	89	81	75	72	72	88	80	75	71	79	74	71	78	74	71	77	73	70	69	69						
8	86	77	72	68	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66	66						
9	83	74	69	65	65	82	73	68	65	73	68	65	72	68	65	71	67	64	63	63						
10	80	71	66	62	62	79	70	66	62	70	65	62	69	65	62	68	64	62	61	61						

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

LED

2"