

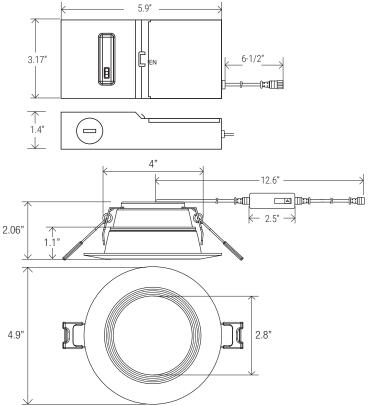








# **DIMENSIONS**



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGES		
1100	1095	15W		
950	975	12W		
750	781	9W		

Based on 4000K, 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".

You MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.

#### **FEATURE**

The LED 4" round baffle multi-Lumen/CCT "Canless Downlight" engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Easily access field-adjustable 3-Lumens and 5-Color SeleCCTor switch by lowering the luminaire from the opening. Recessed housing not required, especially with limited plenum applications. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	750L/950L/1100L
ССТ	27K/30K/35K/40K/50K
CRI	90
COLOR QUALITY	3-Step MacAdam Ellipse
TRIM	Baffle Trim
REFLECTOR COLOR	W (White)
FLANGE COLOR	WH (White)
DIMMING	DIMTR ( Triac Dimming), DIM10 ( 0-10V Dimming)
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

- Aluminum Housing
- PC Lens
- Input Voltage: 120V and 120-277V
- 10%-100% Dimming
- Working temperature: 0°F 104°F
- Energy Star, ETL and Title 24 Compliance.
- The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included)

## **BAFFLES**







REL437-BT-SN-SN

REL437-BT-P-BK

REL437-BT-DBZ-DBZ

## **REFLECTORS**









REL437-RT-CL-WH

REL437-RT-DBZ-DBZ

REL437-RT-P-BK

REL437-RT-SN-SN















# TRIM





## EXAMPLE: RPL437-750L/950L/1100L-DIMTR/120-DIM10/MV0LT-27K/30K/35K/40K/50K-90-W-WH

TYPE	LUMEN	ССТ	CRI	FINISH	
RPL437	750L/950L/1100L-DIMTR/120-DIM10/MV0LT	27K/30K/35K/40K/50K	90	W-WH (White)	

### TRIM RING ACCESSORIES

THIN HING ACCESSOFIES	
BAFFLE	SMOOTH REFLECTOR
REL437-BT-SN-SN REL437-BT-P-BK REL437-BT-DBZ-DBZ	REL437-RT-CL-WH REL437-RT-DBZ-DBZ REL437-RT-P-BK REL437-RT-SN-SN

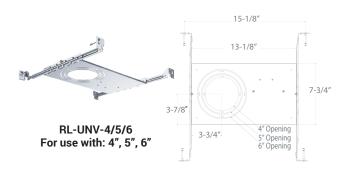
# **ACCESSORIES**

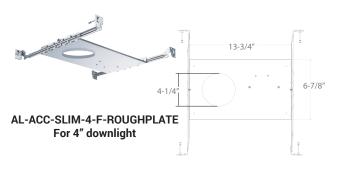




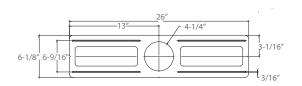
**RL-ACC-SLIM-1-10F** 10-ft long extension

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









RL-ACC-SLIM-4-ROUGHPLATE
Rough-in plate for use with 4" downlights

# EXAMPLE: RL-ACC-SLIM-1-10F

# ACCESSORIES (Not Included)

RL-ACC-SLIM-1-10F - 10ft Long Extension RL-ACC-SLIM-1-20F - 20ft Long Extension

RL-UNV-4/5/6 - Universal Mounting Plate for 4",5" and 6"

RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate

AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Flanged Roughplate



#### RPL437-750L-950L-1100L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH(1100L) TEST NO.: **EL06292343** INPUT WATTS: 14.9 LUMENS: 1218 EFFICACY: 82 BEAM ANGLE: 84 SPACING CRITERIA: 1.07 **CANDELA DISTRIBUTION** CANDELA TABLE LUMINANCE (cd/sq.m) **LUMENS PER ZONE ZONAL LUMEN SUMMARY** 0° 90° $0.00^{\circ}$ 90.00° ZONE LUMENS ZONE UMENS % LUMINAIRE 150 200 250 300 350 400 450 500 600 650 700 0° 651 651 0.00° 55733 55741 0° - 10° 0° - 20° 237 37497 10° - 20° 0° - 30° 10° 45.00° 595 18251 24706 20° - 30° 0° - 40° 749 62% 560 248 20° 55 00° 12465 16348 30° - 40° 265 0° - 60° 1096 90% 457 513 30° 65.00° 387 9899 13725 40° - 50° 214 0° - 80° 1207 99% 40° 313 75.00° 50° - 60° 0° - 90° 173 233 4265 133 1217 100% 50° 85.00° 12511 60° - 70° 30° 60° 85 115 73 10° 70° 44 58 70° - 80° 38 80° 16 27 80° - 90° 0 0 909 **CONE OF LIGHT** INDOOR COEFFICIENTS OF UTILIZATION

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	18.1 fc	10.8 ft	10.8 ft
8.0 ft	10.2 fc	14.4 ft	14.4 ft
10.0 ft	6.5 fc	18.0 ft	18.0 ft
12.0 ft	4.5 fc	21.6 ft	21.6 ft
14.0 ft	3.3 fc	25.2 ft	25.2 ft
16.0 ft	2.5 fc	28.8 ft	28.9 ft
18.0 ft	2.0 fc	32.3 ft	32.5 ft
20.0 ft	1.6 fc	35.9 ft	36.1 ft

	INDOOR COLLINION OF CHELENION																	
ρf									20%									0%
ρс		80	)%			70	)%			50%			30%			10%		0%
ρw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	91	86	82	87	84	81	84	82	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	62	70	65	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	76	65	57	51	75	64	56	51	62	55	50	60	55	50	59	54	50	48
7	71	59	51	46	70	59	51	46	57	50	45	56	50	45	54	49	45	43
8	67	55	47	42	65	54	47	42	53	46	41	52	46	41	50	45	41	39
9	63	51	43	38	61	50	43	38	49	42	38	48	42	38	47	41	37	36
10	59	47	40	35	58	47	40	35	46	39	35	45	39	35	44	38	34	33

# RPL437-750L-950L-1100L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH(750L)

TEST NO.: **EL06292343** SPACING CRITERIA: 1.06 ZONAL LUMEN SUMMARY

ZONE UMENS % LUMINAIRE

TEST NO.: **EL06292343** 

19%

40%

62%

90%

99%

100%

160

328

508

743

818

0° - 20°

0° - 30°

0° - 40°

0° - 60°

0° - 80°

0° - 90°

INPUT WATTS: 9.2	LUMENS: <b>825</b>
CANDELA DISTRI	BUTION
50 100 150 200 250 300 350 400 400 400 400 400	70° 60° 50°

	EFFI	CACY: <b>90</b>		BEAM	ANGLE				
CANDELA TABLE			LUMIN	ANCE (c	d/sq.m)	LUMENS PER ZONE			
	0°	90°		0.00°	90.00°		ZONE	LUMENS	
0°	440	443	0.00°	37695	37985	-	0° - 10°	44	
10°	421	435	45.00°	19333	25404		10° - 20°	116	
20°	378	405	55.00°	12060	16615		20° - 30°	168	
30°	307	349	65.00°	8342	11024		30° - 40°	179	
40°	210	263	75.00°	6626	9243		40° - 50°	145	
50°	116	157	85.00°	2771	8206		50° - 60°	90	
60°	57	77					60° - 70°	49	
70°	29	39					70° - 80°	26	
80°	11	18					80° - 90°	7	
90°	0	0							

### CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	12.2 fc	10.8 ft	10.8 ft
8.0 ft	6.9 fc	14.3 ft	14.4 ft
10.0 ft	4.4 fc	17.9 ft	18.1 ft
12.0 ft	3.1 fc	21.5 ft	21.7 ft
14.0 ft	2.2 fc	25.1 ft	25.3 ft
16.0 ft	1.7 fc	28.7 ft	28.9 ft
18.0 ft	1.4 fc	32.3 ft	32.5 ft
20.0 ft	1.1 fc	35.9 ft	36.1 ft

## INDOOR COEFFICIENTS OF UTILIZATION

ρf									20%									0%
ρc		80	)%			70	)%			50%			30%			10%		0%
ρw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	91	86	82	87	84	81	84	82	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	62	70	65	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	76	65	57	51	75	64	56	51	62	55	50	60	55	50	59	54	50	48
7	71	59	51	46	70	59	51	46	57	50	45	56	50	45	54	49	45	43
8	67	55	47	42	65	54	47	42	53	46	41	52	46	41	50	45	41	39
9	63	51	43	38	61	50	43	38	49	42	38	48	42	38	47	41	37	36
10	59	47	40	35	58	47	40	35	46	39	35	45	39	35	44	38	34	33

## RPL437-750L-950L-1100L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH(950L)

**LUMENS: 1018** EFFICACY: 86 BEAM ANGLE: 84 SPACING CRITERIA: 1.07

INPUT WATTS: 11.8	- 11
INI 01 WAITS. 11.0	LC
CANDELA DISTRI	BUTION
	90°
50 100	
150	80°
200	70°
250	//00
300	60°
350	
400	50°
450 40°	
500 30°	
50° 10° 20°	

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CAN	DELA TABLE		ELA TABLE LUMINANCE (cd/sq.m)				PER ZONE	ZONAL LUMEN SUMMARY				
	0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE		
0°	543	545	0.00°	46553	46720	0° - 10°	54	0° - 20°	198	19%		
10°	520	535	45.00°	24132	31064	10° - 20°	144	0° - 30°	405	40%		
20°	468	497	55.00°	15077	20335	20° - 30°	207	0° - 40°	626	62%		
30°	382	428	65.00°	10414	13476	30° - 40°	221	0° - 60°	916	90%		
40°	262	321	75.00°	8284	11312	40° - 50°	179	0° - 80°	1009	99%		
50°	144	192	85.00°	3587	9995	50° - 60°	111	0° - 90°	1017	100%		
60°	71	94				60° - 70°	61					
70°	37	48				70° - 80°	32					
80°	14	22				80° - 90°	9					
90°	0	0										

MOUNTING HEIGHT

6.0 ft

8.0 ft

10.0 ft

12.0 ft 14.0 ft 16.0 ft 18.0 ft 20.0 ft

FC AT	BEAM	BEAM DIA.
BEAM	DIA.	90°-270°
CENTER	0°-180°	
15.1 fc	10.8 ft	10.8 ft
8.5 fc	14.4 ft	14.4 ft
5.4 fc	18.0 ft	18.1 ft
3.8 fc	21.6 ft	21.7 ft
2.8 fc	25.2 ft	25.3 ft
2.1 fc	28.8 ft	28.9 ft
1.7 fc	32.3 ft	32.5 ft
1.4 fc	35.9 ft	36.1 ft

# INDOOR COEFFICIENTS OF UTILIZATION

ρf									20%									0%
ρc		80	1%			70	1%			50%			30%			10%		0%
ρw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	91	86	82	87	84	81	84	82	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	62	70	65	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	76	65	57	51	75	64	56	51	62	55	50	60	55	50	59	54	50	48
7	71	59	51	46	70	59	51	46	57	50	46	56	50	45	54	49	45	43
8	67	55	47	42	65	54	47	42	53	46	41	52	46	41	50	45	41	39
9	63	51	43	38	61	50	43	38	49	42	38	48	42	38	47	41	37	36
10	59	47	40	35	58	47	40	35	46	39	35	45	39	35	44	38	34	33