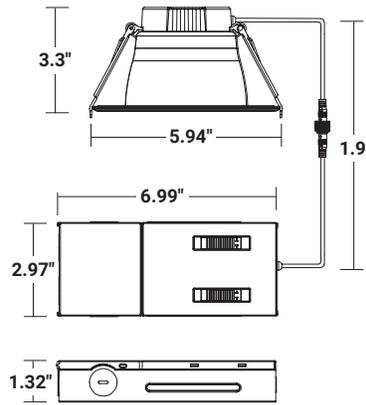




DIMENSIONS



Recommended Hole Cut-out Size: 4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000L	1214L	11W
700L	827L	8W
500L	496L	5W

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".

For wet location application, 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. Installation hole size: 4"

FEATURES

This 4" LED "Canless" downlight is engineered for new construction, remodel, or retrofit applications. It accommodates insulated and dropped ceilings, and features switchable multi-lumen and multi-CCT and dual dimming for versatile function. Recessed housing not required.

Ideal for improved general lighting in corporate, commercial, retail, and hospitality spaces. Suitable for both indoor and shower use.

IC rated, airtight, and ready to be in contact with insulation.

LUMENS	500L/700L/1000L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIM10 - 0-10V 1% Flicker-free Dimming, DIMTR - 5% Triac Dimming at 120V
BEAM ANGLE	Very Wide (VWD) at 90°
FINISH	White (W) Standard
TRIM FINISH	Black (BK), Satin Haze (SH), White (WH), Clear (CL)
WORKING TEMP.	-25°C (-13°F) to 40°C (104°F)
UGR	UGR<19
EMERGENCY	EMG-LED-G-16W-HV-FLEX (Remote) EMG-LED-G-25W-HV-FLEX (Remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS

Features a regressed, frosted polycarbonate lens for optimal beam diffusion and a reflector for smooth, glare-free illumination. Features a UGR<19, and a wide (WD) distribution.

Highly effective, micro-power LEDs allow for excellent and energy efficient performance.

Five selectable color temperatures of 27K/30K/35K/40K/50K enable different warm to cool moods and atmospheres. A selectable lumen package of 500L/700L/1000L allows for customizable intensity, for a variety of uses.

CCT factory set to 5000K; lumen factory set to 1000L.

CONSTRUCTION

Housing built from spun aluminum for a lightweight durability and optimal heat conduction.

IC rated, air-tight, and ready for contact with insulation. Completely sealed for use in wet locations.

Pre-installed spring clips allow for easy and fast "snap-in" recessed installation.

Multi-lumen and multi-CCT switches located on remote driver box.

Available in a white finish.

MAINTENANCE

Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

MOUNTING

Suitable for Recessed Mounting in remodel and new construction applications. Meant to be installed in 4" or 5" hole. No recessed housing necessary.

OPTIONS & ACCESSORIES

1.9 ft power cable and remote driver included.

Available to order separately:

- Various colored Baffle, Reflector, and Trim options
- 16W and 25W Emergency Battery Back-up options

Extension cable options:

- RL-ACC-SLIM-1-10F (10-ft)
- RL-ACC-SLIM-1-20F (20-ft)

Rough Plate options:

- RL-UNV-4/5/6 for use with 4", 5", and 6" downlights.
- RL-UNV-1/2/3/4/5/6/8/10 - Universal Mounting Plate for 1", 2", 3", 4", 5", 6", 8" and 10" downlights
- AL-ACC-SLIM-4-F-ROUGHPLATE for use with 4" downlights
- RL-ACC-SLIM-4-ROUGHPLATE for use with 4" downlights

See order chart for details.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120V-347V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

Available with dual dimming:

DIM10 - Flicker-free 1% dimming at 120-347V.

DIMTR - 5% Triac & electronic low voltage dimming. Available in 120V.

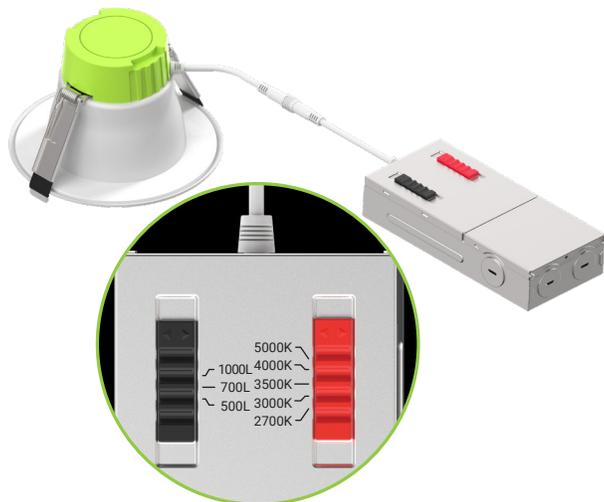
WARRANTY

5-year warranty for parts and components (labor not included).

LISTINGS

ETL listed.
Energy Star certified.
JA8 and Title 20 compliant.
Wet location suitable.
IC-Rated, air-tight ready, and may be in direct contact with insulation.

MULTI-LUMEN & MULTI-CCT SWITCH



TRIM OPTIONS

BAFFLE TRIMS



RL443-BT-MB-BK
Black - Black



RL443-BT-SHZ-SHZ
Satin Haze - Satin Haze



RL443-BT-SHZ-WH
Satin Haze - White

REFLECTOR TRIMS



RL443-RT-MB-BK
Black - Black



RL443-RT-SHZ-SHZ
Satin Haze - Satin Haze



RL443-RT-SHZ-WH
Satin Haze - White



RL443-RT-CL-WH
Clear - White

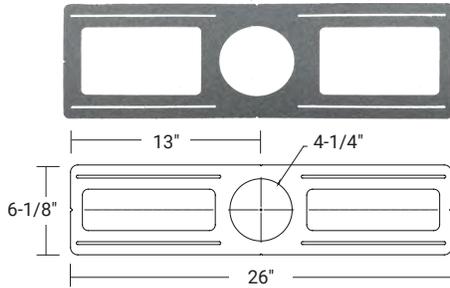
OPTION & ACCESSORIES



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

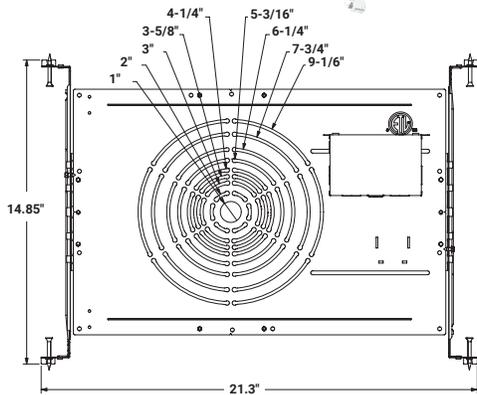
RL-ACC-SLIM-1-20F
20-ft long extension

RL-ACC-SLIM-4-ROUGHPLATE
For 4" downlights

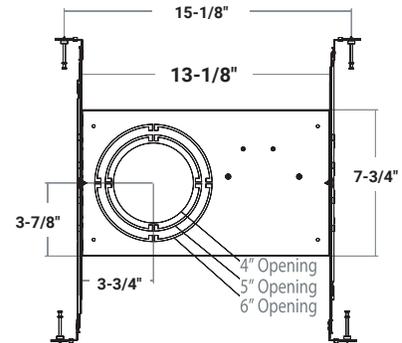


RL-UNV-1/2/3/4/5/6/8/10

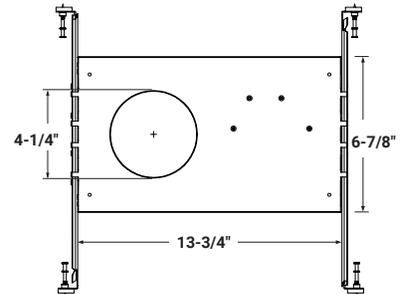
For use with 1", 2", 3", 4", 5", 6", 8", and 10" downlights



RL-UNV-4/5/6
For use with 4", 5", and 6" downlights



AL-ACC-SLIM-4-ROUGHPLATE
For 4" downlights



Example: **RCL443-500L/700L/1000L-DIMTR/120-DIM10/120-347V-27K/30K/35K/40K/50K-W-WH**

SERIES	LUMENS	DIMMING	CCT	CRI	FINISH	OPTION
RCL443	500L/700L/1000L	DIMTR/120-DIM10/120-347V (Triac-0-10V)	27K/30K/35K/40K/50K	90	W-WH - White	RL-ACC-SLIM-1-10F - 10-ft long extension RL-ACC-SLIM-1-20F - 20-ft long extension RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6" RL-UNV-1/2/3/4/5/6/8/10 - Universal Mounting Plate for 1", 2", 3", 4", 5", 6", 8" and 10" AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Flanged Roughplate RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate 0-EMG-LED-16W-FLEX - 16W Emergency Back up (Remote) 0-EMG-LED-25W-FLEX - 25W Emergency Back up (Remote)
TRIM OPTION						
RL443-BT-MB-BK RL443-BT-SHZ-SHZ RL443-BT-SHZ-WH RL443-RT-MB-BK RL443-RT-SHZ-SHZ RL443-RT-SHZ-WH RL443-RT-CL-WH						

RCL443-500L-700L-1000L-DIMTR-120-DIM10-120-347V-27K-30K-35K-40K-50K-W-WH(500L)

TEST NO.: EL08052509

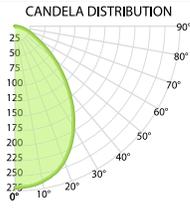
INPUT WATTS:5.1

LUMENS:496

EFFICACY: 97

BEAM ANGLE:81

SPACING CRITERIA: 1.10 x 1.10



CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	7.5 fc	10.2 ft	10.5 ft
8.0 ft	4.2 fc	13.6 ft	14.0 ft
10.0 ft	2.7 fc	17.0 ft	17.6 ft
12.0 ft	1.9 fc	20.4 ft	21.1 ft
14.0 ft	1.4 fc	23.7 ft	24.6 ft
16.0 ft	1.1 fc	27.1 ft	28.1 ft
18.0 ft	0.8 fc	30.5 ft	31.6 ft
20.0 ft	0.7 fc	33.9 ft	35.1 ft

CANDELA TABLE		LUMINANCE (cd/sq.m)			
0°	90°	0.00°	90.00°		
0°	270	270	0.00°	23120	23120
10°	263	263	45.00°	13432	13806
20°	240	240	55.00°	9167	9834
30°	195	196	65.00°	6216	6709
40°	138	142	75.00°	4701	5651
50°	85	88	85.00°	693	2947
60°	43	47			
70°	22	25			
80°	7	10			
90°	0	0			

LUMENS PER ZONE		ZONAL LUMEN SUMMARY		
ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE
0° - 10°	25	0° - 20°	97	20%
10° - 20°	71	10° - 30°	198	40%
20° - 30°	101	0° - 40°	302	61%
30° - 40°	105	0° - 60°	445	90%
40° - 50°	86	0° - 80°	493	99%
50° - 60°	57	0° - 90°	496	100%
60° - 70°	32			
70° - 80°	16			
80° - 90°	3			

INDOOR COEFFICIENTS OF UTILIZATION

pw	80%			70%			20%			50%			30%			10%			0%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100	100	
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77	
3	95	86	79	73	93	84	78	73	82	76	72	79	74	70	77	73	69	67	
4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59	
5	82	70	63	57	80	69	62	56	67	61	56	66	60	55	64	59	55	53	
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47	
7	71	59	51	46	70	58	51	45	57	50	45	55	49	45	54	49	45	43	
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	
9	63	50	43	38	61	50	43	38	49	42	38	48	42	37	47	41	37	36	
10	59	47	40	35	58	46	39	35	45	39	34	44	39	34	44	38	34	33	

RCL443-500L-700L-1000L-DIMTR-120-DIM10-120-347V-27K-30K-35K-40K-50K-W-WH(700L)

TEST NO.: EL08052509

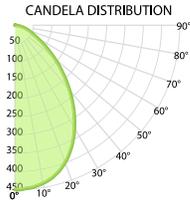
INPUT WATTS:7.7

LUMENS:827

EFFICACY: 107

BEAM ANGLE:81

SPACING CRITERIA: 1.10 x 1.10



CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	12.5 fc	10.2 ft	10.5 ft
8.0 ft	7.0 fc	13.6 ft	14.1 ft
10.0 ft	4.5 fc	17.0 ft	17.6 ft
12.0 ft	3.1 fc	20.4 ft	21.1 ft
14.0 ft	2.3 fc	23.8 ft	24.6 ft
16.0 ft	1.8 fc	27.2 ft	28.1 ft
18.0 ft	1.4 fc	30.6 ft	31.6 ft
20.0 ft	1.1 fc	34.0 ft	35.1 ft

CANDELA TABLE		LUMINANCE (cd/sq.m)			
0°	90°	0.00°	90.00°		
0°	449	449	0.00°	38467	38467
10°	438	439	45.00°	22342	23072
20°	399	399	55.00°	15274	16418
30°	324	327	65.00°	10378	11179
40°	231	236	75.00°	7871	9413
50°	141	148	85.00°	1259	5006
60°	71	78			
70°	37	41			
80°	12	17			
90°	0	0			

LUMENS PER ZONE		ZONAL LUMEN SUMMARY		
ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE
0° - 10°	42	0° - 20°	161	20%
10° - 20°	119	10° - 30°	329	40%
20° - 30°	168	0° - 40°	503	61%
30° - 40°	174	0° - 60°	741	90%
40° - 50°	144	0° - 80°	822	99%
50° - 60°	94	0° - 90°	827	100%
60° - 70°	53			
70° - 80°	27			
80° - 90°	5			

INDOOR COEFFICIENTS OF UTILIZATION

pw	80%			70%			20%			50%			30%			10%			0%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100	100	
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77	
3	95	86	79	73	93	84	78	73	82	76	72	79	74	70	76	73	69	67	
4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59	
5	82	70	63	57	80	69	62	56	67	61	56	66	60	55	64	59	55	53	
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47	
7	71	59	51	46	70	58	51	45	57	50	45	55	49	45	54	49	45	43	
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	
9	63	50	43	38	61	50	43	38	49	42	38	48	42	37	47	41	37	35	
10	59	47	40	35	58	46	39	35	45	39	34	44	39	34	44	38	34	33	

RCL443-500L-700L-1000L-DIMTR-120-DIM10-120-347V-27K-30K-35K-40K-50K-W-WH(1000L)

TEST NO.: EL08052509

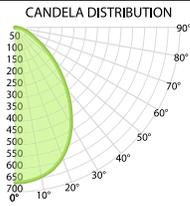
INPUT WATTS:10.9

LUMENS:1214

EFFICACY: 111

BEAM ANGLE:81

SPACING CRITERIA: 1.10 x 1.10



CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	18.3 fc	10.2 ft	10.5 ft
8.0 ft	10.3 fc	13.6 ft	14.1 ft
10.0 ft	6.6 fc	17.0 ft	17.6 ft
12.0 ft	4.6 fc	20.3 ft	21.1 ft
14.0 ft	3.4 fc	23.3 ft	24.6 ft
16.0 ft	2.6 fc	27.1 ft	28.1 ft
18.0 ft	2.0 fc	30.5 ft	31.6 ft
20.0 ft	1.7 fc	33.9 ft	35.2 ft

CANDELA TABLE		LUMINANCE (cd/sq.m)			
0°	90°	0.00°	90.00°		
0°	661	661	0.00°	56584	56584
10°	643	644	45.00°	32773	33881
20°	587	587	55.00°	22423	24106
30°	477	482	65.00°	15225	16403
40°	339	347	75.00°	11574	13850
50°	207	217	85.00°	1934	7382
60°	104	115			
70°	54	61			
80°	17	24			
90°	0	0			

LUMENS PER ZONE		ZONAL LUMEN SUMMARY		
ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE
0° - 10°	62	0° - 20°	237	20%
10° - 20°	175	10° - 30°	484	40%
20° - 30°	246	0° - 40°	739	61%
30° - 40°	256	0° - 60°	1089	90%
40° - 50°	211	0° - 80°	1207	99%
50° - 60°	139	0° - 90°	1214	100%
60° - 70°	78			
70° - 80°	40			
80° - 90°	7			

INDOOR COEFFICIENTS OF UTILIZATION

pw	80%			70%			20%			50%			30%			10%			0%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100	100	
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77	
3	95	86	79	73	93	84	78	73	82	76	72	79	74	70	76	73	69	67	
4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59	
5	82	70	63	57	80	69	62	56	67	61	56	66	60	55	64	59	55	53	
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47	
7	71	59	51	46	70	58	51	45	57	50	45	55	49	45	54	49	45	43	
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	
9	63	50	43	38	61	50	43	38	49	42	38	48	42	37	47	41	37	36	
10	59	4																	