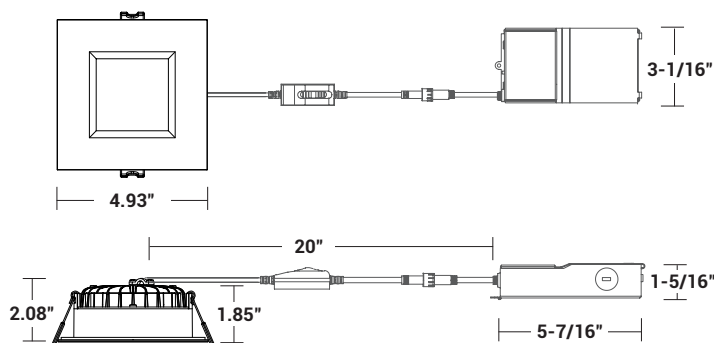




EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



Recommended Hole Cut-out Size: 4.1/4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1200L	1368L	15W

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: 4-1/4"

FEATURES

This 4" square canless LED downlight spotlights precise, focused, and high output illumination while remaining super-efficient. Equipped with dual dimming and multi-CCT for versatile performance, while a compact profile and remote driver help fit low plenum spaces. Ideal for new construction, remodel, or retrofit applications in residential, multi-family, hospitality, and commercial spaces with high ceilings and open plans. No recessed housing necessary.

Accommodates insulated or dropped ceilings. Airtight, wet location, and IC rated.

LUMENS	1200L
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	2-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	Dual Dimming: DIM10 1% 0-10V, DIMTR 1% Triac
FINISH	White (W-WH)
DISTRIBUTION	90°
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS

Features a regressed frosted polystyrene lens and aluminum reflector for smooth, low-glare illumination. A backlit LED arrangement ensures even beam without dark spots and a superior 80% efficiency with an efficacy of 82 lumens per watt.

A CRI value of 90+ guarantees vibrant, natural color display.

Available in 1200L and 5 selectable color temperatures of 2700K/3000K/3500K/4000K/5000K to enable different warm to cool moods and atmospheres.

CCT factory set to 50K.

CONSTRUCTION

Housing made from a durable, lightweight aluminum; designed with a slim profile ideal for low plenum spaces.

A finned back plate design allows for advanced heat dissipation, for optimal luminaire operation.

Pre-attached spring clips allow for easy installation.

Multi-CCT switches located on remote driver cable. Cable length is 20".

Fully gasketed and sealed for wet location use. Airtight and IC rated. Available in a white finish.

MOUNTING

Suitable for recessed mounting in new construction and retrofit applications. Recommended hole cut-out size is 4-1/4".

MAINTENANCE

Fixture may be wiped down with a dry cloth for optimal performance.

OPTIONS & ACCESSORIES

Roughplate, cable, and emergency battery back-up options available to order separately:

- RL-UNV-1/2/3/4/5/6/7/8/9/10
- RL-UNV-4/5/6
- RL-ACC-SLIM-4-ROUGHPLATE
- AL-ACC-SLIM-4-F-ROUGHPLATE
- RL-ACC-SLIM-1-10F
- RL-ACC-SLIM-1-20F

- Emergency (consult factory for more details)

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V or 120V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

DIM10 - 1% 0-10V flicker-free dimming at 120-277V.
DIMTR - 1%-100% TRIAC dimming at 120V.

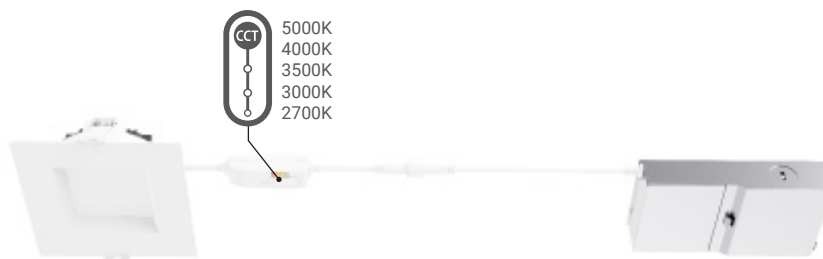
WARRANTY

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

LISTINGS

ETL listed.
Energy Star compliant.
JA8 and Title 24 compliant.
Wet location rated.
FCC Part 15 Class B compliant (standard dimming driver).
IC rated, air-tight, and ready to be in contact with insulation.

MULTI-CCT SWITCH



Example: **RL452-1200L-DIMTR/120-DIM10/MVOLT-27K/30K/35K/40K/50K-90-W-WH**

RL452							
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION
RL452 4" Square Canless High Output LED	1200L	DIMTR/120-DIM10 (Triac-120V & 0-10V)	MVOLT (120-277V)	27K/30K/35K/40K/50K	90	W-WH - White	O-EMG-LED - Emergency Battery Back-up (Consult factory for more details) RL-UNV-1/2/3/4/5/6/8/10 - Universal Mounting Plate for 1", 2", 3", 4", 5", 6", 8" and 10" RL-UNV-1/2/3/4/5/6/8/10 - Universal Mounting Plate for 1", 2", 3", 4", 5", 6", 8" and 10" Downlights RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6" Downlights RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate for 4" Downlight AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Mounting Plate for 4" Downlight RL-ACC-SLIM-1-10F - 10' Extension Cord RL-ACC-SLIM-1-20F - 20' Extension Cord

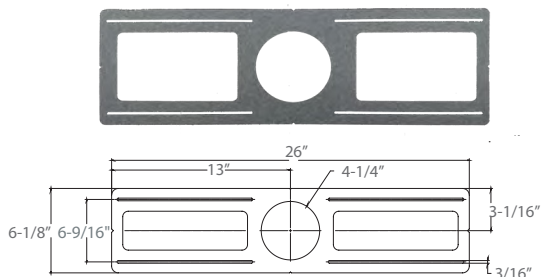
OPTION & ACCESSORIES



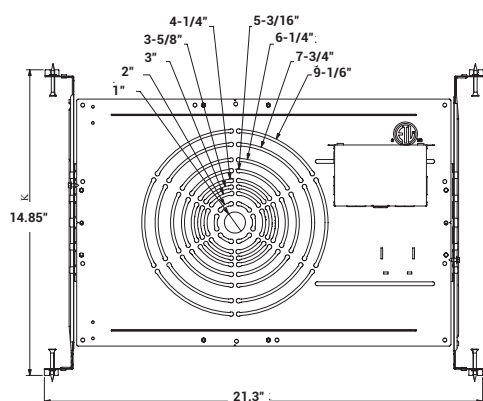
RL-ACC-SLIM-1-10F
10-ft long extension

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

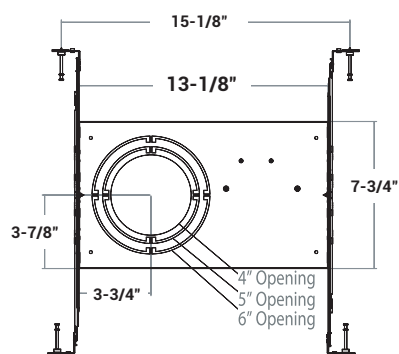
RL-ACC-SLIM-4-ROUGHPLATE
For 4" downlights



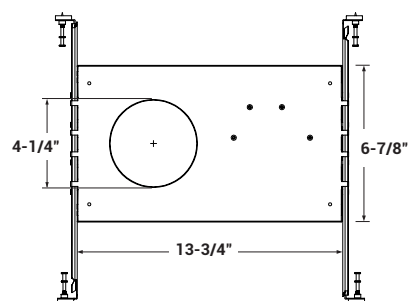
RL-UNV-1/2/3/4/5/6/8/10
For use with 1", 2", 3", 4", 5", 6", 8", and 10" downlights



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



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



RL452-1200L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: EL12042414

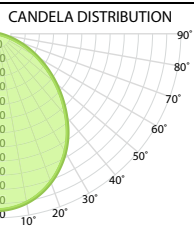
INPUT WATTS:15.1

LUMENS:1368

EFFICACY: 91

BEAM ANGLE:93

SPACING CRITERIA: 1.15



CANDELA TABLE		
	0°	90°
0°	624	624
10°	606	612
20°	558	562
30°	482	486
40°	381	385
50°	271	274
60°	165	169
70°	73	77
80°	14	16
90°	0	0

LUMINANCE (cd/sq.m)		
	0.00°	90.00°
0.00°	78449	78449
45.00°	57958	58573
55.00°	47574	48325
65.00°	34877	35794
75.00°	17979	19944
85.00°	6437	8531

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	62
10° - 20°	165
20° - 30°	240
30° - 40°	270
40° - 50°	253
50° - 60°	200
60° - 70°	123
70° - 80°	47
80° - 90°	7

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0° - 20°	227	17%
0° - 30°	467	34%
0° - 40°	737	54%
0° - 60°	1190	87%
0° - 80°	1360	99%
0° - 90°	1367	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 m	17.3 lx	12.6 m	12.8 m
8.0 m	9.7 lx	16.9 m	17.1 m
10.0 m	6.2 lx	21.1 m	21.3 m
12.0 m	4.3 lx	25.3 m	25.6 m
14.0 m	3.2 lx	29.5 m	29.9 m
16.0 m	2.4 lx	33.7 m	34.1 m
18.0 m	1.9 lx	37.9 m	38.4 m
20.0 m	1.6 lx	42.2 m	42.7 m

INDOOR COEFFICIENTS OF UTILIZATION

pf pc pw	20%																10%				0%			
	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	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	102	102	102	102	102	102	0%
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87	87	87	87	87	87	0%
2	101	94	88	83	99	92	87	82	89	84	80	86	82	78	83	80	77	75	75	75	75	75	75	0%
3	93	84	76	71	91	82	75	70	79	74	69	77	72	68	74	70	66	64	64	64	64	64	64	0%
4	86	75	67	61	84	74	66	60	71	65	60	69	63	59	67	62	58	56	56	56	56	56	56	0%
5	80	68	59	53	78	67	59	53	64	58	52	63	57	52	61	56	51	49	49	49	49	49	49	0%
6	74	61	53	47	72	60	53	47	59	52	46	57	51	46	55	50	46	44	44	44	44	44	44	0%
7	69	56	48	42	67	55	47	42	54	47	41	52	46	41	51	45	41	39	39	39	39	39	39	0%
8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35	35	35	35	35	35	0%
9	60	47	39	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32	32	32	32	32	32	0%
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29	29	29	29	29	29	0%