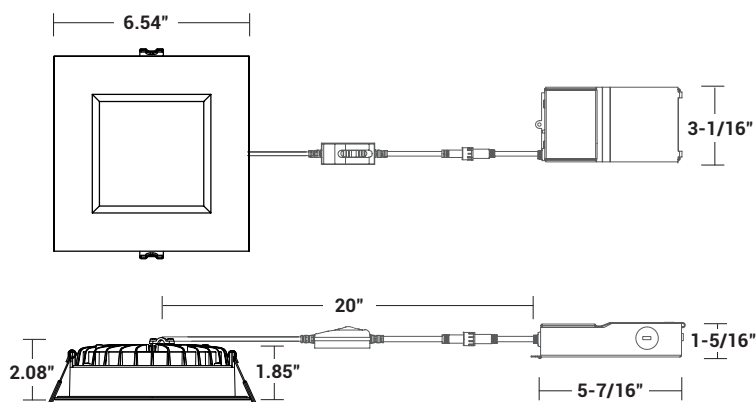




EASY 5 COLORS
SELECTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



Recommended Hole Cut-out Size: 6.1/4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2500L	2604L	27W

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: 6-1/4"

FEATURES

This 6" 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	2500L
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 2500L 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 6-1/4".

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-ACC-SLIM-6-ROUGHPLATE
- AL-ACC-SLIM-6-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.

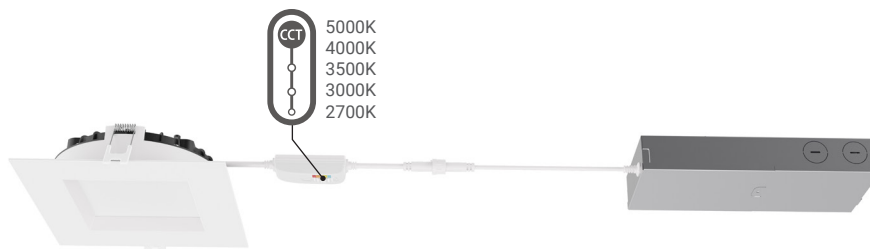
WARRANTY

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: **RL652-2500L-DIMTR/120-DIM10/MVOLT-27K/30K/35K/40K/50K-90-W-WH**

RL652							
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION
RL652 6" Square Canless High Output LED	2500L	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-ACC-SLIM-6-ROUGHPLATE - 6" Mounting Plate for 6" Downlight AL-ACC-SLIM-6-F-ROUGHPLATE - 6" Mounting Plate for 6" Downlight RL-ACC-SLIM-1-10F - 10' Extension Cord RL-ACC-SLIM-1-20F - 20' Extension Cord

OPTION & ACCESSORIES



RL-ACC-SLIM-1-10F

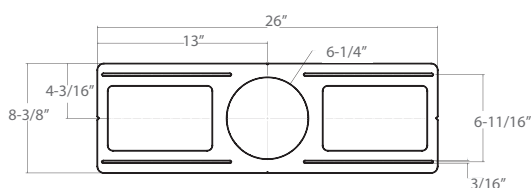
10-ft long extension

RL-ACC-SLIM-1-20F

20-ft long extension

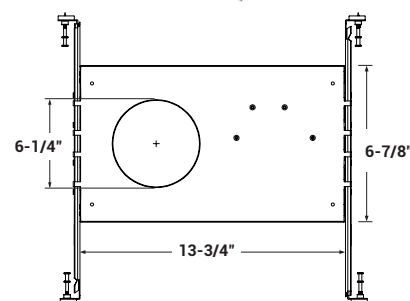
RL-ACC-SLIM-6-ROUGHPLATE

For 6" downlights



AL-ACC-SLIM-6-F-ROUGHPLATE

For 6" downlights



RL652-2500L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: EL06262562

INPUT WATTS:26.5

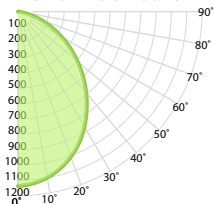
LUMENS:2604

EFFICACY: 98

BEAM ANGLE:95

SPACING CRITERIA: 1.14

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1137	1137
10°	1099	1123
20°	1007	1038
30°	866	902
40°	690	727
50°	507	542
60°	327	361
70°	162	192
80°	31	50
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	62355	62355
45.00°	46430	49217
55.00°	39740	43037
65.00°	31386	35608
75.00°	18993	24632
85.00°	4802	7855

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	114
10° - 20°	300
20° - 30°	440
30° - 40°	500
40° - 50°	478
50° - 60°	388
60° - 70°	255
70° - 80°	110
80° - 90°	17

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	414	16%
0° - 30°	854	33%
0° - 40°	1354	52%
0° - 60°	2221	85%
0° - 80°	2586	99%
0° - 90°	2603	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 m	31.6 lx	13.1 m	13.3 m
8.0 m	17.8 lx	17.5 m	17.7 m
10.0 m	11.4 lx	21.8 m	22.1 m
12.0 m	7.9 lx	26.2 m	26.6 m
14.0 m	5.8 lx	30.6 m	31.0 m
16.0 m	4.4 lx	34.9 m	35.4 m
18.0 m	3.5 lx	39.3 m	39.8 m
20.0 m	2.8 lx	43.7 m	44.3 m

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%			
		80%				70%				50%				30%				10%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	0%	0%
1	110	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	88	86	86	86	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74	74	74	74
3	93	83	75	69	90	81	74	69	78	73	68	76	71	66	73	69	65	63	63	63	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55	55	55	55
5	79	67	58	52	77	66	58	52	63	56	51	62	55	51	60	54	50	48	48	48	48
6	73	60	52	46	71	59	51	46	58	51	45	56	50	45	54	49	44	42	42	42	42
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38	38	38	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34	34	34	34
9	59	46	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31	31	31	31
10	56	43	35	30	54	42	35	30	41	35	30	41	34	30	40	34	30	28	28	28	28