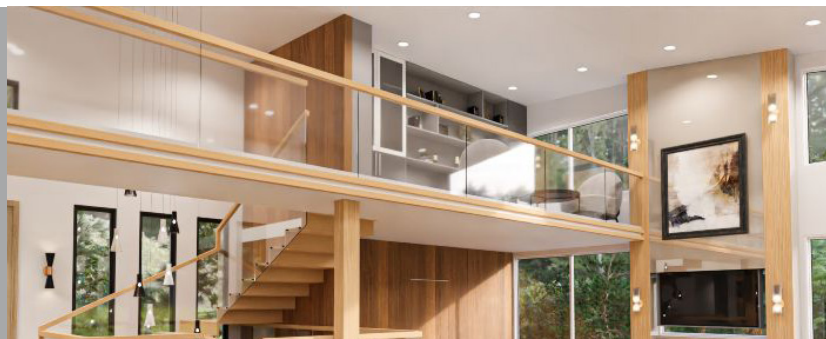
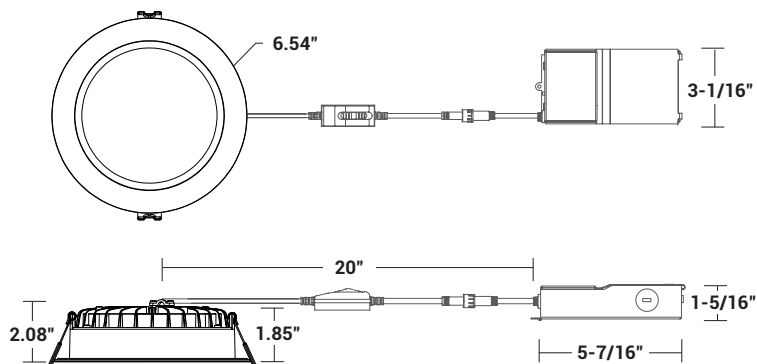




EASY 5 COLORS
SELECTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



Recommended Hole Cut-out Size: 6-1/4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2500L	2542L	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.

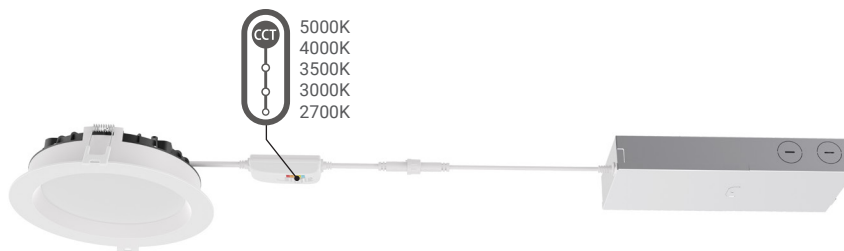
WARRANTY

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: **RL651-2500L-DIMTR/120-DIM10/MVOLT-27K/30K/35K/40K/50K-90-W-WH**

RL651							
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION
RL651 6" Round 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 Backup (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

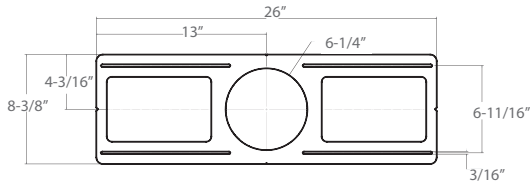
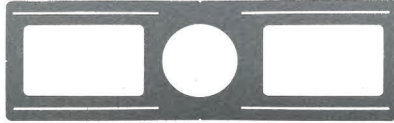
OPTION & ACCESSORIES



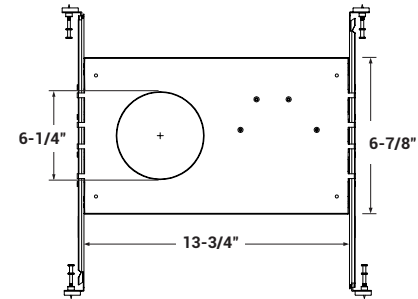
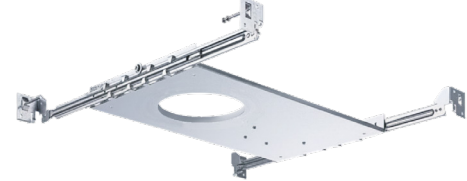
RL-ACC-SLIM-1-10F
10-ft long extension

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



RL651-2500L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: EL06262560

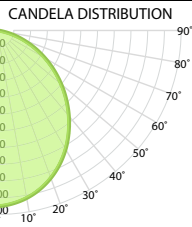
INPUT WATTS:27.3

LUMENS:2542

EFFICACY: 93

BEAM ANGLE:99

SPACING CRITERIA: 1.15



CANDELA TABLE

	0°	90°
0°	1051	1051
10°	1017	1047
20°	938	975
30°	819	861
40°	667	712
50°	500	545
60°	330	372
70°	169	205
80°	35	59
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	57638	57638
45.00°	45291	48806
55.00°	39630	43794
65.00°	32093	37270
75.00°	20419	26930
85.00°	4824	8763

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	105
10° - 20°	279
20° - 30°	413
30° - 40°	478
40° - 50°	467
50° - 60°	391
60° - 70°	267
70° - 80°	122
80° - 90°	19

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	384	15%
0° - 30°	797	31%
0° - 40°	1275	50%
0° - 60°	2133	84%
0° - 80°	2522	99%
0° - 90°	2541	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 m	29.2 lx	14.0 m	14.3 m
8.0 m	16.4 lx	18.7 m	19.1 m
10.0 m	10.5 lx	23.4 m	23.8 m
12.0 m	7.3 lx	28.1 m	28.6 m
14.0 m	5.4 lx	32.7 m	33.4 m
16.0 m	4.1 lx	37.4 m	38.2 m
18.0 m	3.2 lx	42.1 m	42.9 m
20.0 m	2.6 lx	46.8 m	47.7 m

INDOOR COEFFICIENTS OF UTILIZATION

p pc pw	20%																0%	
	70%	50%	80%	10%	70%	50%	70%	30%	10%	50%	50%	10%	50%	30%	10%	50%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	102	98	107	103	100	96	99	96	93	95	93	91	92	90	88	86
2	100	93	87	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	55	50	61	54	49	59	53	49	47
6	72	59	51	45	70	59	50	44	57	49	44	55	49	44	54	48	43	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	35	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27