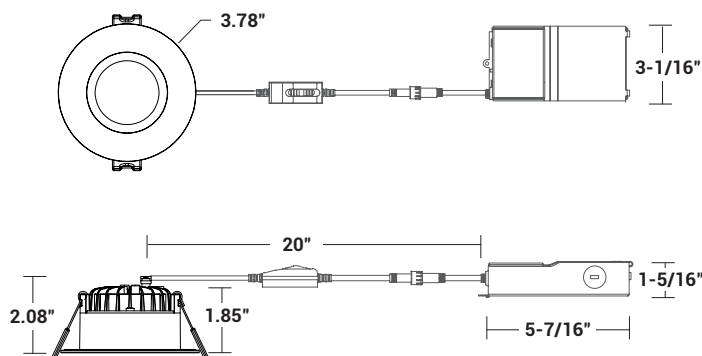




EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



Recommended Hole Cut-out Size: 3-1/4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
660L	731L	8W

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: 3-1/4"

FEATURES

This 3" 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	660L
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	2-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	Dual Dimming: DIM10 5% 0-10V, DIMTR 5% 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 660L 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 3-1/4".

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-2/3/4 - Universal mounting plate for 2", 3" and 4" downlights
- RL-ACC-SLIM-3-ROUGHPLATE - 3" Mounting plate for 3" downlights
- 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 - 5% 0-10V flicker-free dimming at 120-277V.

DIMTR - 5% TRIAC dimming at 120V.

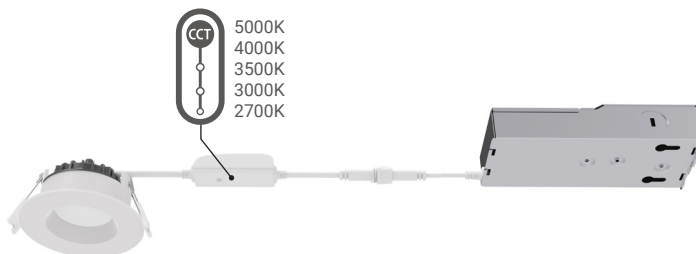
WARRANTY

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



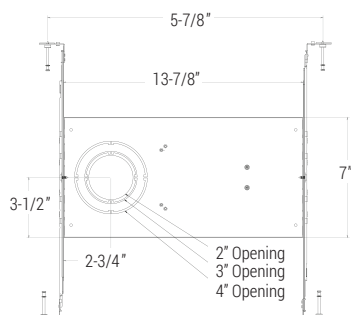
Example: **RL351-660L-DIMTR/120-DIM10/MVOLT-27K/30K/35K/40K/50K-90-W-WH**

RL351							
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION
RL351 3" Round Canless High Output LED	660L	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-UNV-2/3/4 - Universal Mounting Plate for 2", 3" and 4" Downlights RL-ACC-SLIM-3-ROUGHPLATE - 3" Mounting Plate for 3" Downlight

MOUNTING PLATE OPTIONS

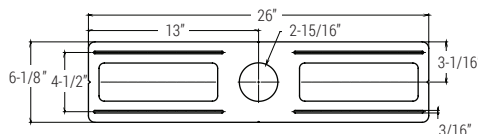
RL-UNV-2/3/4

For use with 2", 3", and 4" downlights



RL-ACC-SLIM-3-ROUGHPLATE

For use with 3" downlightss



RL351-660L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: EL12042417

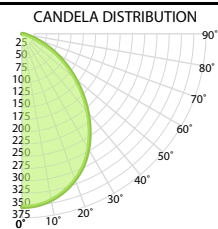
INPUT WATTS:8.1

LUMENS:731

EFFICACY: 90

BEAM ANGLE:90

SPACING CRITERIA: 1.14



	0°	90°
0°	353	355
10°	344	346
20°	316	319
30°	271	275
40°	208	214
50°	142	149
60°	79	86
70°	27	35
80°	6	8
90°	0	0

LUMINANCE (cd/sq.m)		
	0.00°	90.00°
0.00°	4693	4724
45.00°	3290	3412
55.00°	2539	2706
65.00°	1589	1841
75.00°	602	825
85.00°	285	572

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	35
10° - 20°	93
20° - 30°	136
30° - 40°	151
40° - 50°	137
50° - 60°	101
60° - 70°	56
70° - 80°	18
80° - 90°	4

ZONE	LUMENS	% LUMINAIRE
0° - 20°	128	18%
0° - 30°	264	36%
0° - 40°	414	57%
0° - 60°	653	89%
0° - 80°	726	99%
0° - 90°	730	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	9.8 fc	12.0 ft	12.1 ft
8.0 ft	5.5 fc	16.0 ft	16.1 ft
10.0 ft	3.5 fc	20.0 ft	20.1 ft
12.0 ft	2.5 fc	24.1 ft	24.2 ft
14.0 ft	1.8 fc	28.1 ft	28.2 ft
16.0 ft	1.4 fc	32.1 ft	32.2 ft
18.0 ft	1.1 fc	36.1 ft	36.3 ft
20.0 ft	0.9 fc	40.1 ft	40.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf pc pw	20%																		0%	
	80%						70%						50%						10%	0%
	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	103	100	108	105	101	98	100	98	95	97	94	92	93	91	90	88		
2	102	95	89	85	100	93	88	84	90	85	82	87	83	80	84	81	78	76		
3	94	85	78	72	92	84	77	72	81	75	70	78	73	69	76	72	68	66		
4	87	76	69	63	85	75	68	62	73	66	61	71	65	61	68	64	60	58		
5	81	69	61	55	79	68	60	55	66	59	54	64	58	54	62	57	53	51		
6	75	63	55	49	73	62	54	49	60	53	48	58	52	48	57	52	47	45		
7	70	57	49	44	68	57	49	43	55	48	43	54	47	43	52	47	43	41		
8	65	53	45	39	64	52	44	39	51	44	39	50	43	39	48	43	39	37		
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33		
10	57	45	38	33	56	45	37	33	44	37	32	43	37	32	42	36	32	31		