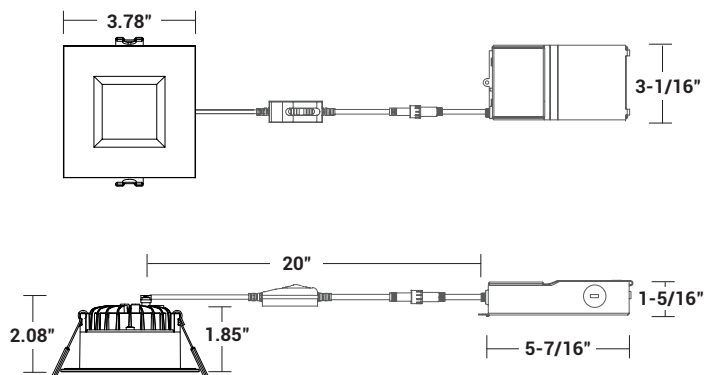




EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
660L	701L	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.

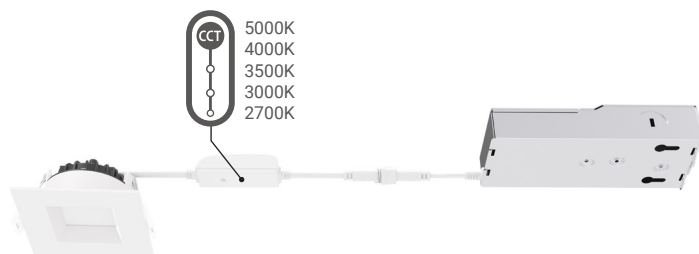
WARRANTY

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

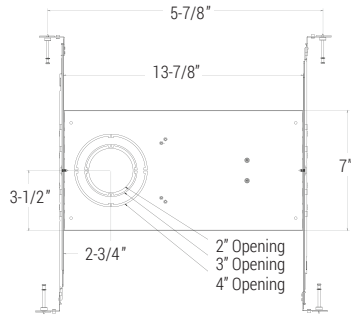


Example: **RL352-660L-DIMTR/120-DIM10/MVOLT-27K/30K/35K/40K/50K-90-W-WH**

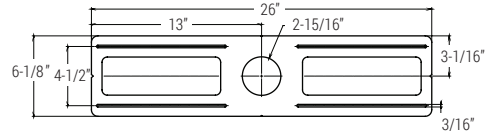
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION
RL352 3" Square Canless High Output LED	660L	DIMTR/120-DIM10 (Triac-120V & 0-10V)	MVOLT (120-277V)	27K/30K/35K/40K/50K	90	W-WH - White	O-EMG-LED - Emergency Battery Back-up (Consult factory for more details) RL-UNV-2/3/4 - Universal Mounting Plate for 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" downlights



RL352-660L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: EL05062521

INPUT WATTS:8.0

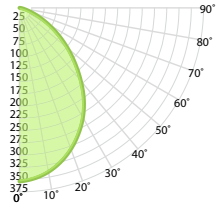
LUMENS:701

EFFICACY: 88

BEAM ANGLE:88

SPACING CRITERIA: 1.10

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	354	354
10°	339	346
20°	306	317
30°	258	271
40°	194	210
50°	128	141
60°	69	80
70°	25	32
80°	6	7
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	77529	77529
45.00°	49650	54283
55.00°	37131	41932
65.00°	23064	28068
75.00°	10097	13762
85.00°	4665	8127

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	35
10° - 20°	93
20° - 30°	133
30° - 40°	146
40° - 50°	130
50° - 60°	94
60° - 70°	51
70° - 80°	16
80° - 90°	3

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	128	18%
0° - 30°	261	37%
0° - 40°	406	58%
0° - 60°	630	90%
0° - 80°	697	99%
0° - 90°	700	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 m	9.8 lx	11.6 m	11.7 m
8.0 m	5.5 lx	15.5 m	15.6 m
10.0 m	3.5 lx	19.4 m	19.5 m
12.0 m	2.5 lx	23.3 m	23.4 m
14.0 m	1.8 lx	27.2 m	27.3 m
16.0 m	1.4 lx	31.0 m	31.2 m
18.0 m	1.1 lx	34.9 m	35.1 m
20.0 m	0.9 lx	38.8 m	39.0 m

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	pw	70%	80%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%
0	119	119	119	119	116	116	116	111	111	111	111	106	106	106	102	102	102	100	100	100	0%	0%
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	88	88	0%	0%
2	102	95	90	85	100	94	88	84	90	86	82	87	83	80	84	81	78	76	76	76	0%	0%
3	95	86	78	73	92	84	77	72	81	76	71	78	74	70	76	72	69	67	67	67	0%	0%
4	87	77	69	63	85	76	68	63	73	67	62	71	66	61	69	64	61	59	59	59	0%	0%
5	81	70	62	56	79	69	61	55	67	60	55	65	59	54	63	58	54	52	52	52	0%	0%
6	75	63	55	49	74	62	55	49	61	54	49	59	53	48	58	52	48	46	46	46	0%	0%
7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	41	41	41	0%	0%
8	66	53	45	40	64	53	45	40	51	45	40	50	44	39	49	43	39	38	38	38	0%	0%
9	62	49	42	36	60	49	41	36	48	41	36	46	40	36	46	40	36	34	34	34	0%	0%
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33	31	31	31	0%	0%