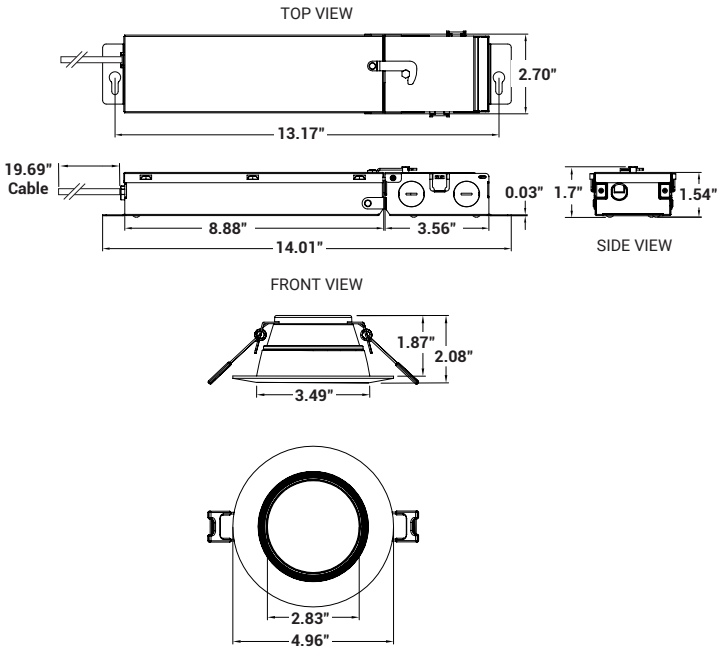
RQL437
4" Easy-link Low Voltage Lighting Kit LED Downlights with Multi-CCT

4"

DIMENSIONS



Recommended Hole Cut-out Size: 4.33"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700L	896L	10W

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. Installation hole size: 4.33".

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.

FEATURES

THE QUICK, CONVENIENT, COMPLETE SOLUTION

This kit of 4" easy-link canless downlights allows 1 driver to power multiple lights through a system of quick connectors, for an ultra-fast, ultra convenient set up and installation. A shared low voltage cable eliminates the need for messy wire cutting, for quick, easy wiring and lower labor costs. Modern, baffled profiles target aesthetics and fit new construction, remodel, or retrofit use. Equipped with dual dimming and individual multi-CCT switches for a versatile, customizable illumination. Ideal for general illumination in residential living room, bedroom, kitchen, shower, bathroom, and hallway applications. Four lights included per kit. Wet location and IC rated. No housing or jbox required.

LUMENS	700L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	Dual Dimming: TRIAC (120V) and DIM10 (120-277V)
DISTRIBUTION	Very Wide (VWD) at 85°
FINISH	White (WH)
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
WATTAGE	10W Per Fixture; 90W maximum drivers
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21

- Can be installed in shallow plenum spaces.
- Save up to 86% of the wiring time
- May be installed in drywall or suspended ceilings.
- Flicker-free 120V forward-phase Triac dimming down to 10%.
- 0-10V DIM10 in 120-277V.
- Even illumination achieved with patent-pending optics and edge-lit LED technology.
- Ideal where ceiling or top access is unavailable.
- Does not require recessed housing or junction box.

Due to the constant improvement in LED technology, all details are subject to change without notice. Consult factory for up-to-date information.
07/22/26

OPTICS
Each downlight features a regressed frosted polystyrene lens and beveled baffle for smooth, even beam diffusion, and minimal pixelation.

Available in 700L each, with 5 selectable color temperatures of 2700K/3000K/3500K/4000K/5000K to enable different warm to cool moods and atmospheres. CCT factory set to 5000K.

A CRI value of 90 guarantees vibrant, natural color display, while a 85° beam angle makes for a very wide distribution.

CONSTRUCTION
Body made from a lightweight, durable, die-cast aluminum for ease of installation and thermal regulation.

An easy-link design powers multiple lights with 1 power supply, while small apertures, slim 2" profiles, and shallow depth allow for unlimited applications. Includes a closed cell gasket for wet location use.

Pre-attached spring clips included for easy installation.

Remote driver included; no housing or extra jbox necessary. Driver jbox made from pre-galvanized steel and features three ½" knockouts for wiring.

IC rated, airtight for direct contact with insulation.

Multi-CCT switches located on easy-link connectors.

MAINTENANCE
Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

MOUNTING
Suitable for recessed mounting in retrofit or new construction applications with ceiling thicknesses of 1/2" to 1-1/4". Compatible with various rough plates for new construction.

OPTIONS & ACCESSORIES
Available to order separately with various trim ring options, new construction rough plates, replacement driver, and extension cable options.

Single units available to order separately, for additional daisy chaining. Maximum 7 fixtures per driver.

Extension cable options:
- **RQL-ACC-1-35F** (35-ft)

Rough Plate options:
- **RL-UNV-4/5/6** for use with 4", 5", and 6" downlights.
- **AL-ACC-SLIM-4-F-ROUGHPLATE** for use with 4" downlights
- **RL-ACC-SLIM-4-ROUGHPLATE** for use with 4" downlights

See order chart for details.

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

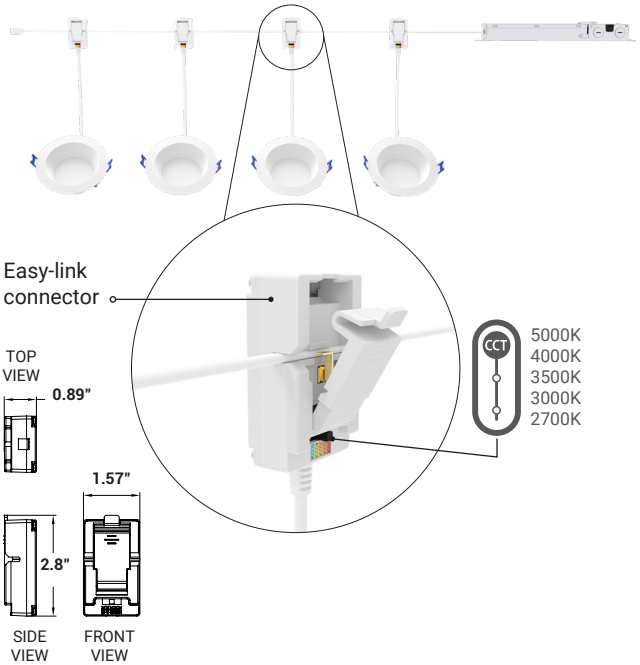
90W Maximum wattage per driver. 19.69" wire cable length.

DIMMING
DIMTR/120 - 10% Triac dimming at 120V.
DIM10/MVOLT - 0-10V dimming at 120-277V.

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

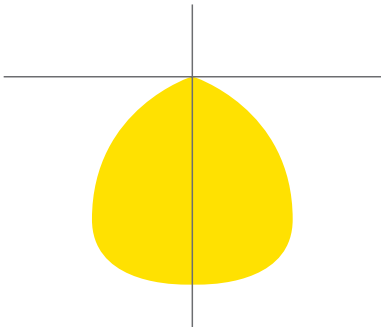
LISTINGS
ETL listed.
JA8 and Title 24 compliant.
Wet location suitable.
IC rated, air-tight, and ready for contact with insulation.
Airtight per ASTM-E283-04.

MULTI-CCT SWITCH



DISTRIBUTION

Very Wide (VWD)
Candle Power Distribution Curve



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ACCESSORIES

BAFFLE

REL437-BT-P-BK (Black)

REL437-BT-DBZ-DBZ (Dark Bronze)

REL437-BT-SN-SN (Satin Nickel)

REFLECTOR

REL437-RT-P-BK (Black)

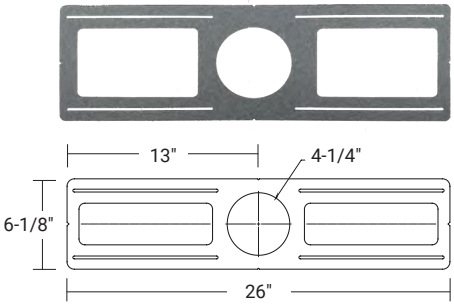
REL437-RT-CL-WH (Chrome/White)

REL437-RT-DBZ-DBZ (Dark Bronze)

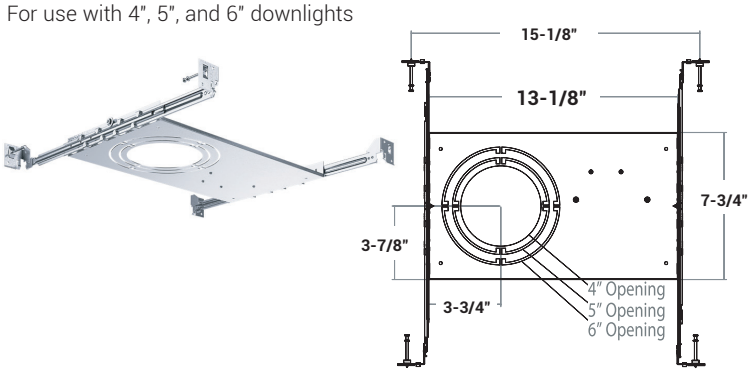
REL437-RT-SN-SN (Satin Nickel)

RQL-ACC-1-35F
35-ft long extension

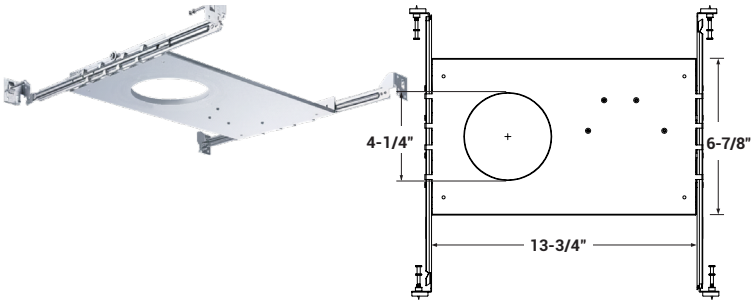
RL-ACC-SLIM-4-ROUGHPLATE
For 4" downlights



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



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



Example: **RQL437-700L-DIMTR/120-DIM10/MVOLT-27K/30K/35K/40K/50K-90-WH-4PK**

RQL437									
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	KIT SIZE	TRIM RING OPTION	OPTION
RQL437 4" Downlight (4pk. Kit)	**700L**	**DIMTR/120-DIM10** (Triac/0-10V)	**MVOLT** (120-277V)	**27K/30K/35K/40K/50K**	**90**	**WH** - White	**4PK** (4 Pack)	**REL437-BT-P-BK** - Black **REL437-BT-DBZ-DBZ** - Bronze **REL437-BT-SN-SN** - Satin Nickel **REL437-RT-P-BK** - Black **REL437-RT-CL-WH** - Chrome/White **REL437-RT-DBZ-DBZ** - Bronze **REL437-RT-SN-SN** - Satin Nickel	**RQL-ACC-1-35F** - 35-ft long extension **RL-UNV-4/5/6** - Universal Mounting Plate for 4",5" and 6" **AL-ACC-SLIM-4-F-ROUGHPLATE** - 4" Flanged Roughplate **RL-ACC-SLIM-4-ROUGHPLATE** - 4" Mounting Plate

ADDITIONAL FIXTURE

Single unit 4" Easy-link LED Downlight with Easy-link cable (10W per fixture, **DRIVER NOT INCLUDED**)

Example: **RQL437-700L-27K/30K/35K/40K/50K-90-WH**

RQL437					
SERIES	LUMENS	CCT	CRI	FINISH	TRIM RING OPTION
RQL437 4" Downlight (Single fixture)	**700L**	**27K/30K/35K/40K/50K**	**90**	**WH** - White	**REL437-BT-P-BK** - Black **REL437-BT-DBZ-DBZ** - Bronze **REL437-BT-SN-SN** - Satin Nickel **REL437-RT-P-BK** - Black **REL437-RT-CL-WH** - Chrome/White **REL437-RT-DBZ-DBZ** - Bronze **REL437-RT-SN-SN** - Satin Nickel

Note - Contact factory for additional or replacement driver:
RQL-DR-90W-DIMTR/120-DIM10/MVOLT - 90W Programmable Driver
(Dual dimming: Triac at 120V, 0-10V at 120-277V input)

Maximum 7 fixtures per driver

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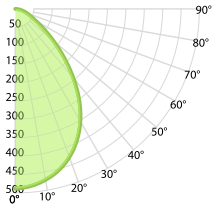
RQL437-700L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-WH TEST NO.: EL12182440

INPUT WATTS:13.0 LUMENS:896 EFFICACY: 69 BEAM ANGLE:83 SPACING CRITERIA: 1.10

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	488	488
10°	471	475
20°	428	436
30°	353	368
40°	244	265
50°	134	153
60°	62	73
70°	32	37
80°	12	16
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	41812	41812
45.00°	22575	25026
55.00°	13779	15984
65.00°	9023	10379
75.00°	7238	8535
85.00°	3410	6526

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	49
10° - 20°	129
20° - 30°	185
30° - 40°	196
40° - 50°	157
50° - 60°	95
60° - 70°	51
70° - 80°	26
80° - 90°	7

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	177	20%
0° - 30°	363	40%
0° - 40°	559	62%
0° - 60°	811	90%
0° - 80°	888	99%
0° - 90°	896	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	13.6 fc	10.7 ft	10.6 ft
8.0 ft	7.6 fc	14.2 ft	14.1 ft
10.0 ft	4.9 fc	17.8 ft	17.7 ft
12.0 ft	3.4 fc	21.4 ft	21.2 ft
14.0 ft	2.5 fc	24.9 ft	24.7 ft
16.0 ft	1.9 fc	28.5 ft	28.3 ft
18.0 ft	1.5 fc	32.1 ft	31.8 ft
20.0 ft	1.2 fc	35.6 ft	35.4 ft

INDOOR COEFFICIENTS OF UTILIZATION

ρf																			
ρc	80%				70%				50%				30%			10%			0%
ρw	70%	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	116	111	111	111	106	106	106	102	102	102	100	
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77	
3	95	86	80	74	93	85	79	74	82	77	72	79	75	71	77	73	70	68	
4	88	78	71	65	86	77	70	65	75	69	64	72	67	63	70	66	62	60	
5	82	71	63	58	80	70	63	57	68	62	57	66	61	56	64	60	56	54	
6	77	65	57	52	75	64	57	51	62	56	51	61	55	50	59	54	50	48	
7	72	60	52	46	70	59	52	46	57	51	46	56	50	46	55	49	45	44	
8	67	55	47	42	66	54	47	42	53	47	42	52	46	42	51	45	41	40	
9	63	51	44	38	62	50	43	38	49	43	38	48	42	38	47	42	38	36	
10	59	47	40	35	58	47	40	35	46	40	35	45	39	35	44	39	35	33	

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