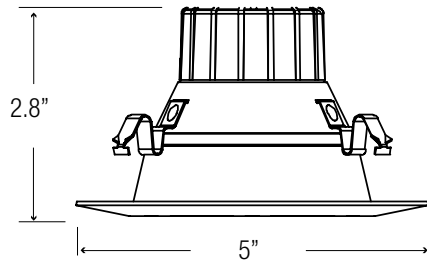




FEATURES

The REL433 is engineered for new construction, remodel and retrofit applications for 4-inch downlights. Dedicated housings install below-the-ceiling. Energy reduction up to 84% over traditional light sources. Ideal for healthcare, hospitality, office, residential, and retail applications.



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700	912	10W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%



INSTALLATION

Elite LED Retrofits come standard with quick connectors ready for installation in Elite Lighting's LD series recessed housing that are Energy Star and Title 24 rated (LD4IC-AT, LD5IC, LD6IC-AT).

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.

LUMENS	700
CCT	27K, 30K, 40K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
TRIM	Baffle
BAFFLE COLORS	WH (White)
FLANGE COLORS	W (White)
DIMMING	DIMTR (Triac)
LIFETIME	50,000 Hours
EMERGENCY	16W high voltage inverter (Installed into the housing)*
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

* Consult Factory

OPTICS

Deeply regressed baffle produces even, glare-free illumination with a 45° cutoff. High output perfect for high-ceiling applications.

CONSTRUCTION

Aluminum die-cast body and trim dissipates heat for excellent thermal management. Pre-installed clips on both sides of module provide a secure fit into housing. White baffle trim blends seamlessly into the ceiling.

COMPATIBLE WITH ELITE 4" HOUSINGS

The Elite REL433 series works in Elite housings (LD4IC-AT, LD4RIC-AT) and existing Elite 4" incandescent housings (B4IC-AT, B4RIC-AT). Also suitable for use in most 4" recessed downlight housings.

SHIPPED WITH EDISON ADAPTER

Shipped standard with Edison adapter, allowing for direct installation into existing Elite 4" downlight housings and most other 4" downlight housings. GU24 socket base adapters available on request.

INSTALLATION

Shipped with pre-installed quick EZ connectors for quick installation into 4" recessed housings or for use with an Edison base adapter, shipped standard with LED module, for retrofitting into existing 4" incandescent housings.

ELECTRICAL

Powered by high-quality constant-current power LED drivers rated for 50 to 60Hz at 120V input, produce less than 20% THD, and have a power factor between 0.90 and 1.00.

DIMMING & DRIVER INFORMATION

Dimmable down to 10% of fully light output with an approved incandescent dimmer or select Electronic Low Voltage (ELV) dimmers when ordered with the DIMTR-120 option.

WARRANTY

Five-year carefree warranty for parts and components. (Labor not included.)

LISTINGS

c-UL-us Listed
Energy Star
Title-24
JA8.

EXAMPLE: REL433-700L-DIMTR-120-30K-90-W-WH





TYPE	LUMEN	CCT	CRI	FINISH
REL433	<input type="checkbox"/> 700L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH-White

ACCESSORY: GU24SA

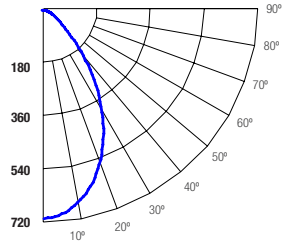
OPTIONS
<input type="checkbox"/> GU24SA - SOCKET FOR LED RETROFIT TO GU24

**Order accessories separately*

EXAMPLE: LD4IC-AT-DIMTR-120-M

COMPATIBLE ELITE LIGHTING HOUSINGS			
 IC RATED		 IC RATED	
<input type="checkbox"/> LD4IC-AT-DIMTR-120-M	<input type="checkbox"/> LD4-AT-DIMTR-120	<input type="checkbox"/> LD4RIC-AT-DIMTR-120	<input type="checkbox"/> LD4R-AT-DIMTR-120
<input type="checkbox"/> HLD4IC-AT-DIMTR-DIM10-MVOLT	<input type="checkbox"/> HLD4-AT		<input type="checkbox"/> HLD4R-AT
<input type="checkbox"/> B4IC-AT	<input type="checkbox"/> B4-AT		<input type="checkbox"/> B4R-AT

**Order housing separately*

REL433-700L-DIMTR-120-30K-90-W-WH
TEST NO.: EL082019100
INPUT WATTS: 10.1621
LUMENS: 912
CRI: 90
EFFICACY: 90
CCT: 3000K
SPACING CRITERIA: 1.00
Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	246.52	27.00	27.00
0-30	478.42	52.40	52.40
0-40	686.22	75.20	75.20
0-60	874.87	95.90	95.90
0-80	911.58	99.90	99.90
0-90	911.61	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	4151	4186	4514
55	2117	2153	2323
65	1235	1277	1390
75	291	356	526
85	5	5	5

Lumens Per Zone

Zone	Lumens
0-10	67.00
10-20	179.51
20-30	231.90
30-40	207.80
40-50	127.19
50-60	61.47
60-70	29.34
70-80	7.37
80-90	0.02

Candela Tabulation

0	0
0	719.09
5	707.16
15	629.67
25	492.06
35	316.96
45	147.61
55	61.08
65	26.25
75	3.79
85	0.02
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light				
2	180	2.7	2.7	
4	44.9	5.3	5.3	
6	20	8	8	
8	11.2	10.7	10.6	
10	7.19	13.3	13.3	
12	4.99	16	15.9	
(FT) Distance to Plane	(FC) Initial Footcandle at Nadir	(FT) Beam Vert. Spread	(FT) Beam Horiz. Spread	

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

	RC	80%				70%				50%				30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
	1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91	
	2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82	
	3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	
	4	92	83	77	72	91	82	76	71	80	75	71	78	73	70	76	72	69	67	
	5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	70	66	63	61	
	6	81	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56	
	7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51	
	8	72	61	54	50	71	61	54	49	59	53	49	58	53	49	57	52	49	47	
	9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44	
10	65	54	47	42	63	53	47	42	52	46	42	51	46	42	51	46	42	41		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance