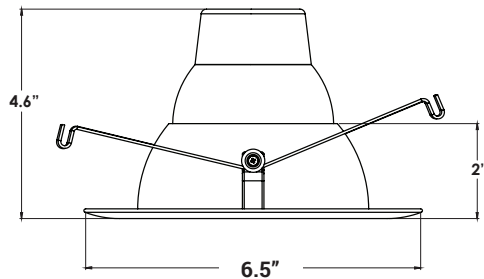




EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
950	970	12W
1200	1426	13W

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).

FEATURES

The Elite RL531 has been engineered for new construction and retrofit applications for 5-inch downlights. An easy 5-Color SeleCCTor switch allows the contractor to easily switch between five different color temperatures in the field. The RL531 is compatible with most 5" recessed housing for quick, easy installation in healthcare, hospitality, office, residential, and retail applications.

LUMENS	950, 1200
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipses
TRIM	Aluminum die-cast body and trim
REFLECTOR COLORS	W (White)
FLANGE COLORS	WH (White)
DIMMING	DIMTR (Triac)
LIFETIME	50,000 Hours

EASY 5-COLOR SELECCTOR SWITCH

Easy 5-Color SeleCCTor switch can be adjusted to a choice of 5 different Kelvin color temperatures in the field. Options include 27K/30K/35K/40K/50K. The SeleCCTor switch is located on the junction box for easy adjustment before and after installation. The SeleCCTor switch is easily accessible by lowering the luminaire from the opening.

CONSTRUCTION

Die-cast aluminum body for maximum heat dissipation.

OPTICS

A regressed baffle provides glare-free, comfortable illumination and a 45-degree cutoff.

COMPATIBLE WITH ELITE 5" HOUSINGS

The Elite RL531 series works in Elite housings (LD6IC-AT and LD6RIC-AT) and existing Elite 6" incandescent housings (B6IC-AT, EZ6IC-AT, B26ICAT, B26RIC-AT, B6RIC-AT). Also suitable for use in most 6" recessed downlight housings.

QUICK AND EASY INSTALLATION

Quick connectors for use with 5" or 6" housing or Edison base adapter for retrofitting into existing 6" incandescent housings.

Torsion springs pre-installed onto both sides of fixture, installing easily in most 6" incandescent downlights.

Insert torsion springs into can and press trim to ceiling. Friction blades are also included.

FLEXIBILITY IN DESIGN – MULTIPLE BAFFLE FINISHES AND REFLECTOR FINISHES

The R531 is available in multiple baffle finishes and reflector finishes: multiple combinations of bronze, copper, white, specular clear, matte black, satin haze, and gold.

APPLICATIONS

Damp and wet-location-rated ideal for indoor and outdoor use, shower, and other wet-location applications. IC-Rated and Air Tight and may be installed in direct contact with insulation.

DRIVER ELECTRICAL INFORMATION

Driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20% THD, has a power factor between 90% and 100%, and is thermally protected for additional safety.

DIMMING & DRIVER INFORMATION

DIMTR - Triac & electronic low voltage (DIMTR-120) flicker-free dimming. Available in 120V. Dimmable down to 10% of initial lumens, standard.

WARRANTY

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


LISTINGS

Energy Star
cETLus
Title 24
JA8E
RoHS
IECC
New York State

EXAMPLE: RL531-950L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH





TYPE	LUMEN	CCT	CRI	TRIM COLORS
RL531	<input type="checkbox"/> 950L-DIMTR-120 <input type="checkbox"/> 1200L-DIMTR-120	<input type="checkbox"/> 27K/30K/35K/40K/50K	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH

ACCESSORY: GU24SA

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

*Accessories order separate

EXAMPLE: HLD5IC-AT

COMPATIBLE ELITE LIGHTING HOUSINGS			
			
<input type="checkbox"/> LD5IC	<input type="checkbox"/> LD5-AT	<input type="checkbox"/> LD5RIC-AT	<input type="checkbox"/> LD5R-AT
<input type="checkbox"/> HLD5IC-AT	<input type="checkbox"/> HLD5-AT	<input type="checkbox"/> HLD5RIC-AT	<input type="checkbox"/> HLD5R-AT
<input type="checkbox"/> LD500IC-AT	<input type="checkbox"/> B5-AT	<input type="checkbox"/> EZ5IC-AT	<input type="checkbox"/> B5R-AT
<input type="checkbox"/> EZ5IC-AT		<input type="checkbox"/> B5RIC-AT	
<input type="checkbox"/> B5IC-AT			
<input type="checkbox"/> B5IC-100-AT			
<input type="checkbox"/> B500-IC			

*Housing order separate

RL531-1200L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH-(40K)

TEST NO.: **EL05082054**

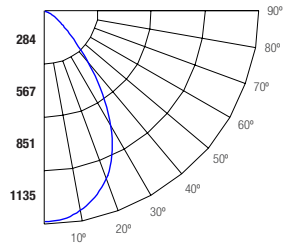
INPUT WATTS: **13.3562**

LUMENS: **1426**

CRI: **90**

EFFICACY: **107**

CCT: **2700K**

SPACING CRITERIA: **1.00**
Candle Power Distribution (Candelas)


Cone of Light				
2	392 fc	2.3 ft	2.3 ft	
4	104 fc	4.4 ft	4.4 ft	
6	45.4 fc	6.7 ft	6.7 ft	
8	25.3 fc	9 ft	9 ft	
10	16.5 fc	11.1 ft	11.2 ft	
12	11.3 fc	13.4 ft	13.4 ft	
<small>(FT) Distance to Plane (FC) Initial Footcandle at Nadir (FT) Beam Vert. Spread (FT) Beam Horiz. Spread</small>				

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	395.33	27.70	27.70
0-30	780.18	54.70	54.70
0-40	1107.86	77.70	77.70
0-60	1376.28	96.50	96.50
0-80	1424.98	99.90	99.90
0-90	1425.01	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	103291	109511	118273
55	52995	55412	59351
65	29588	31362	34521
75	4748	6467	9866
85	79	79	79

Lumens Per Zone

Zone	Lumens
0-10	105.96
10-20	289.37
20-30	384.85
30-40	327.68
40-50	181.18
50-60	87.24
60-70	40.77
70-80	7.94
80-90	0.02

Candela Tabulation

0	
0	1134.01
5	1121.28
15	1028.27
25	835.28
35	507.55
45	213.37
55	88.80
65	36.53
75	3.59
85	0.02
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
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	105	102	103	101	99	99	98	96	96	94	93	91	
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83	
3	99	92	86	81	97	90	85	81	87	83	79	85	81	78	83	79	77	75	
4	93	84	78	73	91	83	77	72	81	76	72	79	74	71	77	73	70	68	
5	87	78	71	66	86	77	70	66	75	69	65	73	68	64	71	67	64	62	
6	82	72	65	60	81	71	65	60	69	64	59	68	63	59	67	62	59	57	
7	77	67	60	55	76	66	60	55	65	59	55	63	58	54	62	57	54	52	
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48	
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45	
10	65	54	48	44	64	54	48	43	53	47	43	52	47	43	51	47	43	42	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance