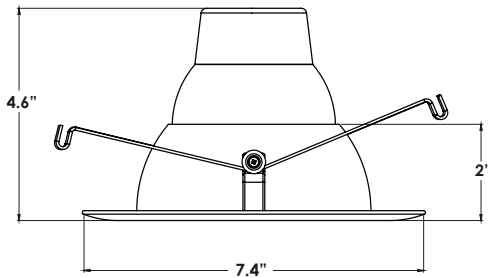




EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1200	1345	16W
950	1272	14W

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.

FEATURES

The Elite RL628 has been engineered for new construction and retrofit applications for 6-inch downlights. An easy 5-Color SeleCCTor switch allows the contractor to easily switch between five different color temperatures in the field. The RL628 is compatible with most 5" and 6" 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	Reflector, Aluminum die-cast body and trim
REFLECTOR COLORS	WH (White)
FLANGE COLORS	WH (White)
DIMMING	DIMTR (Triac)
LIFETIME	L70 at 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 AND REFLECTOR

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 and die-cast aluminum-lens for maximum heat dissipation.

OPTICS

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

COMPATIBLE WITH ELITE 6" HOUSINGS

The Elite REL628 series works in Elite housings (LD6IC-AT, LD6RIC-AT, LD5IC-AT, and LD5RIC-AT) and existing Elite 6" incandescent housings (B6ICAT, EZ6IC-AT, B26IC-AT, B26RIC-AT, B6RIC-AT). Also suitable for use in most 5" and 6" incandescent 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.

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 15% 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: **RL628-950L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH**





TYPE	LUMEN	CCT	CRI	FINISH
RL628	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-White

ACCESSORY: **GU24SA**

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

*Accessories order separate

EXAMPLE: **HLD6IC-AT**

COMPATIBLE ELITE LIGHTING HOUSINGS			
 <div style="float: right; border: 1px solid black; padding: 2px;">IC RATED</div> <input type="checkbox"/> LD6IC	 <input type="checkbox"/> LD6-AT	 <div style="float: right; border: 1px solid black; padding: 2px;">IC RATED</div> <input type="checkbox"/> LD6RIC-AT	 <input type="checkbox"/> LD6R-AT
<input type="checkbox"/> HLD6IC-AT	<input type="checkbox"/> HLD6-AT	<input type="checkbox"/> HLD6RIC-AT	<input type="checkbox"/> HLD6R-AT
<input type="checkbox"/> LD600IC-AT	<input type="checkbox"/> B6-AT	<input type="checkbox"/> EZ6IC-AT	<input type="checkbox"/> B6R-AT
<input type="checkbox"/> EZ6IC-AT		<input type="checkbox"/> B6RIC-AT	
<input type="checkbox"/> B6IC-AT			
<input type="checkbox"/> B6IC-100-AT			
<input type="checkbox"/> B600-IC			

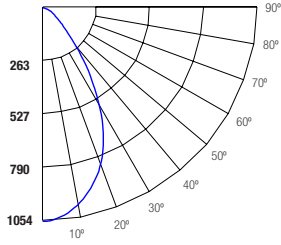
*Housing order separate

RL628-950L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: EL10071938

INPUT WATTS: **14.8** LUMENS: **1272** CRI: **90** EFFICACY: **86** CCT: **2700K** SPACING CRITERIA: **0.98**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	360.76	28.4	28.4
0-30	698.8	54.9	54.9
0-40	978.33	76.9	76.9
0-60	1213.09	95.4	95.4
0-80	1270.72	99.9	99.9
0-90	1270.75	99.9	99.9

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	84024	86202	94693
55	46210	47355	51384
65	33217	34294	37428
75	8279	11401	17445
85	79	118	79

Lumens Per Zone

Zone	Lumens
0-10	98.01
10-20	262.75
20-30	338.04
30-40	279.53
40-50	155.55
50-60	79.2
60-70	45.05
70-80	12.58
80-90	0.03

Candela Tabulation

0	5	15	25	35	45	55	65	75	85	90
1051.54	1033.59	920.02	712.01	411.05	173.57	77.43	41.01	6.26	0.02	0.03

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
(FT.) Distance to Plane	(FO) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread
2	364	2.2	2.2
4	96.9	4.2	4.2
6	42.1	6.4	6.4
8	23.4	8.5	8.5
10	15.3	10.6	10.6
12	10.5	12.7	12.7

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

ROOM CAVITY RATIO	RC	80%				70%				50%				30%			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	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	94	90	95	91	88	92	89	86	89	86	84	82		
3	99	91	85	81	97	90	84	80	87	83	79	85	81	77	82	79	76	74		
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68		
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	63	62		
6	82	72	65	60	80	71	64	60	69	63	59	68	63	59	66	62	58	57		
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52		
8	73	62	55	51	72	61	55	50	60	54	50	59	54	50	58	53	50	48		
9	69	58	51	47	68	58	51	47	56	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