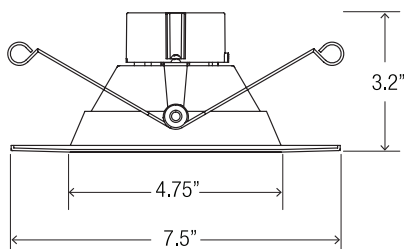




### DIMENSION



### INSTALLATION

Utilizes industry standard V or torsion springs, installs in most 6" and 5" incandescent downlights.

Insert torsion springs into can and press trim to ceiling.

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.



#### CERTIFICATIONS

- cULus
- RoHS
- IECC
- New York state
- LM79/LM80
- UL/cUL Listed for Wet Location
- UL/cUL Listed for Damp Location
- California Title 24
- Washington state

#### \*RECOMMENDED DIMMERS FOR ELITE iFit625 LED SYSTEM - RL625

##### LUTRON DIMMERS

###### DIMTR

Divia DVCL-153P  
Skylark CTCL-153P  
Nova N-600  
NovaT NT-600  
Skylark S-600  
Ariadni AY-600P  
Nova NTLV-600  
Nova NLV-600

Maestro MRF2-6ND  
NovaT NTLV-600  
Divia DVELV-300P  
Skylark SELV-300P  
Nova NELV-450

##### DIMTR - LEVITON DIMMERS

IllumaTech IPE04 • Sureslide 6633  
• Acenti • Vizia+

### ENGINEERED FOR VERSATILITY AND PERFORMANCE

The Elite iFit625 has been engineered for New Construction, Remodel and Retrofit applications for both 6 inch and 5 inch downlights. Dedicated housings install the same way as our standard incandescent downlights and include features such as adjustable, lockable and tilting bar hangers.

Over 750 usable lumens are directed from the luminaire to the work surface. Lighting is smooth and comfortable, all while using 75% less energy than the equivalent 65W BR30 and 25% less than the common 18W CFL. Plus the Elite iFit625 features 50,000 hours of life, and California Title-24 compliance.

INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	INPUT POWER	LUMENS
120	50/60Hz	<20%	>0.9	14W (+/-5%)	750

### FEATURES

Greater light output than an 18W CFL or a 65W BR30 while consuming less than 14W of power. Fits in most 6 inch and 5 inch downlight housings.

### OPTICS

The Elite-Engineered LED Module system is much more than just a simple LED retrofit. The Elite LED system is a highly engineered work of design and optical science which produces over 750 lumens! Our meticulously crafted optics gather the light scattered by the LED chip and shape it into a functional beam with uniform light distribution. The baffle also offers the benefits of a smooth integrated light with glare reduction at a 55 degree cut-off, which minimizes brightness.

### DURABILITY

Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Without proper heat management, any LED luminaire will fail. Our die-cast system pulls the heat from the LED chip, allowing the continued cool operation for years. Life tests have shown the Elite iFit625 light output will be maintained at 70% of initial at 50,000 hours of operation. Our superior design allows for installation in construction that requires the Elite Air-Shut™ system. Our LED driver is rated for 50 to 60 Hz at 120V input, produces less than 20% THD, has a power factor between 0.90 and 1.00 and is thermal protected for additional safety. For installations requiring a 277V driver please consult the factory.

### REPEATABLE

Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite iFit625 Module is engineered for quality. All Elite LED luminaires are rated at 90+ CRI, as rated and tested to LM-79 and LM-80 standards by a certified laboratory, and meets the California Title-24 compliance standards. Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light.

### DIMMABLE

The Elite iFit625 lighting system is dimmable down to 10% by using an approved Incandescent dimmer or Select Electronic Low voltage dimmers. Refer to dimming matrix for more information.

### INTERCHANGEABLE

The Elite iFit625 LED system works in our dedicated (LD6IC-AT, LD6RIC-AT, LD5IC-AT, and LD5RIC-AT) housings and our existing 6" and 5" Incandescent housings (B6IC-AT, EZ6IC-AT, B26IC-AT, B26RIC-AT, B6RIC -AT, B5IC-AT, B25IC-AT, B5RIC-AT, and B25RIC-AT) but is also suitable for using in most 6" and 5" Incandescent recessed downlight housings.

### ADAPTABLE

All Elite iFit625 luminaires are shipped standard with our custom engineered Edison adapter. This adapter assembly allows the luminaires to install directly into existing Elite 6" and 5" incandescent downlight housings and most other 6" and 5" incandescent downlight housings. GU24 style socket base adapters also available upon request.

### OUR WORD

The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included)

LED

6"  
5"

6 / 5 INCH LED RETROFIT MODULE

# RL625

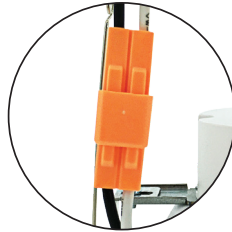
## iFit625 - UNIVERSAL 6", 5" LED RETROFIT MODULE



Elite's innovative LED retrofit downlight modules deliver the brightest, most beautiful and most energy efficient ambient lighting to replace any lamp type on your existing fixture.



Heat Sink - Design of fixture provides optimal heat dissipation without the need for unsightly heat sink fins.



EZ connector to use with special high efficacy housing or Edison base adapter for retrofitting into existing 6" or 5" incandescent housings.



Adjustable torsion spring allows for use in either 6" or 5" housings.

Example: **RL625-750L-DIMTR-120-30K-90-W-WH**

TYPE	750L SERIES	CCT		CRI	FINISH	OPTIONS
RL625 (Baffle)	<input type="checkbox"/> 750L-DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 35K	<input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH	<input type="checkbox"/> GU24SA GU24 SOCKET ADAPTER

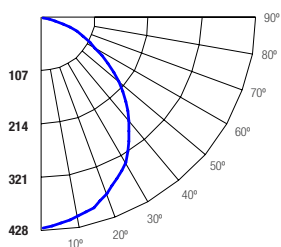
Ordering Guide for Compatible Housing			
IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD6IC	LD6-AT	LD6RIC-AT	LD6R-AT
HLD6IC-AT	HLD6-AT	HLD6RIC-AT	HLD6R-AT
LD600IC-AT	B6-AT	EZ6IC-AT	B6R-AT
EZ6IC-AT		B6RIC-AT	
B6IC-AT			
B6IC-100-AT			
B600-IC			

Ordering Guide for Compatible Housing			
IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD5IC-AT	LD5-AT	LD5RIC-AT	LD5R-AT
HLD5IC-AT	HLD5-AT	HLD5RIC-AT	HLD5R-AT
B5IC-AT	B5-AT	B5RIC-AT	B5R-AT
B25IC-AT		B25RIC-AT	

### RL625-750L-DIMTR-120-40K-90-W-WH

INPUT WATTS: **12.6**      LUMENS: **1030**      CRI: **85+**      EFFICACY: **82**      CCT: **4000K**      TEST NO.: **EL111728**      SPACING CRITERIA: **1.32**

#### Candle Power Distribution (Candelas)



#### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	154.09	13.20	15.00
0-30	324.78	27.80	31.50
0-40	525.71	45.00	51.00
0-60	882.88	75.60	85.70
0-80	1026.06	87.80	99.60
0-90	1029.79	88.20	100.00

#### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	18676	18908	20468
55	15528	16202	17929
65	11737	12085	14191
75	5286	7701	8604
85	0	0	5216

#### Lumens Per Zone

Zone	Lumens
0-10	40.06
10-20	114.03
20-30	170.69
30-40	200.92
40-50	197.01
50-60	160.17
60-70	102.29
70-80	40.89
80-90	3.73

#### Candela Tabulation

θ	0	5	15	25	35	45	55	65	75	85	90
0	427.92										
5	418.88										
15	400.70										
25	360.01										
35	306.82										
45	241.12										
55	162.62										
65	90.57										
75	24.98										
85	0.00										
90	0.00										

#### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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%	50%	30%	10%	0%		
0	0	105	105	105	105	103	103	103	103	98	98	98	94	94	94	90	90	90	88						
1	1	97	93	90	87	95	91	88	86	88	85	83	84	82	80	81	80	78	76						
2	2	89	82	77	72	87	81	76	72	78	74	70	75	71	68	72	69	67	65						
3	3	82	73	68	61	80	72	65	61	69	64	59	67	62	58	65	61	57	56						
4	4	75	65	58	52	73	64	57	52	62	56	51	60	55	51	58	54	50	48						
5	5	69	58	51	45	67	57	50	45	56	49	44	54	49	44	52	48	44	42						
6	6	64	53	45	40	62	52	45	40	50	44	39	49	43	39	48	43	39	37						
7	7	59	48	41	35	58	47	40	35	46	40	35	45	39	35	44	38	35	33						
8	8	55	44	37	32	54	43	36	32	42	36	31	41	35	31	40	35	31	29						
9	9	52	40	33	29	51	40	33	29	39	33	28	38	32	28	37	32	28	27						
10	10	49	37	31	26	48	37	30	26	36	30	26	35	30	26	34	29	26	24						

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance