

COMPATIBLE WITH MOST JUNCTION BOXES AND 5" AND 6" HOUSINGS



ENGINEERED FOR VERSATILITY AND PERFORMANCE

The Elite RL670 has been engineered for New Construction, Remodel and Retrofit applications for 6, 5, 4 inch downlights as well as applications in standard junctions boxes. Dedicated housings install the same way as our standard incandescent downlights and include features such as adjustable, lockable and tilting bar hangers. Over 1000 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 RL670 features 50,000 hours of life, and California Title-24 compliance.

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	THD	POWER FACTOR	INPUT POWER	LUMENS
120/277	50/60Hz	116mA/50mA	<20%	>0.9	14W(+/-5%)	1000

FEATURES

Greater light output than an 18W CFL or a 65W BR30 while consuming less than 16W of power. Fits in most 6 & 5 inch downlight housings and junction boxes.

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 1000 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 reflector 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 RL670 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 RL670 Module is engineered for quality. All Elite LED luminaires are rated at 85+ or 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 RL670 lighting system is dimmable down to 10% by using an approved dimmer. Refer to dimming matrix for more information.

INTERCHANGEABLE

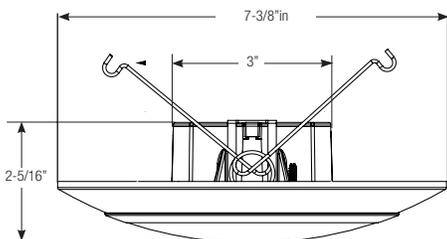
The Elite RL670 LED system fits in most junction boxes, our dedicated (LD6IC-AT, LD6RIC-AT, LD5IC-AT, LD5RIC-AT) housings and our existing 6" and 5" Incandescent housings.

ADAPTABLE

All Elite RL670 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.)



Fits square J-Box with min. 2.125" depth

INSTALLATION

- Comes with industry standard torsion springs or mounting clips that can be adjusted to fit in most junction boxes and most 5" and 6" down light housings. Custom designed bracket included for mounting in standard size junction box.



CERTIFICATIONS

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

LED
6"
5"

5 / 6 INCH LED RETROFIT MODULE

RL670

UNIVERSAL 6" LED MODULE

Example: **RL670-1000L-DIMTR-120-30K-W-WH**

TYPE	1000L SERIES	CCT	CRI	FINISH	OPTION
RL670	<input type="checkbox"/> 1000L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH	<input type="checkbox"/> GU24SA GU24 SOCKET ADAPTER

*RECOMMENDED DIMMERS FOR ELITE RL670 LED SYSTEM

LUTRON DIMMERS		LUTRON CONTROL SYSTEM
DIMTR		DIMTR
Diva 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 NTELV-600 Diva DVELV-300P Skylark SELV-300P Nova NELV-450	Homeworks HW/LP-RPM-4A-120 PHPM-PA Graphic Eye QS Radio RA2 RRD-10ND PHPM-PA ELV1-1000



LED

6"
5"

5 / 6 INCH LED RETROFIT MODULE