



### ENGINEERED FOR VERSATILITY AND PERFORMANCE

The Elite RL660/RL661 have been engineered for New Construction, Remodel and Retrofit applications for both 5 inch and 6 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 600 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 RL660/RL661 features 50,000 hours of life, and California Title-24 compliance.

### FEATURES

Greater light output than an 18W CFL or a 65W BR30 while consuming less than 12W of power. Fits in most 5 and 6 inch downlight housings.

### OPTICS

#### Anyone can mount a chip to a heat sink and make a down light.

Gather the light scattered by the LED chip, shape it into a functional beam with a state of the art reflector, integrate the light through a smooth reflector to minimize brightness, then top it all off with a glare reducing cone that has a 55-degree cut-off. Now you have the Elite-engineered, superior quality, RL660/RL661 consuming less than 12 Watts and producing over 600 lumens. Available in Baffle and Reflector options.

### DURABILITY

Extruded 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 CREE LED chip, allowing the continued cool operation for years. Life tests have shown the 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. Built-in 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.

### REPEATABLE

Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite RL660/RL661 Module is engineered for quality. All Elite LED luminaires are rated at 85+ CRI, as rated and tested to LM-79 and LM-80 standards by a certified laboratory, and meets the California Title-24 compliance standards. Our stringent chip specifications to accept only those chips that produce no ultra violet light and with very minimal infrared.

### DIMMABLE

The Elite RL660/RL661 lighting system is dimmable down to 5% by using an approved Incandescent dimmer and select Electronic Low voltage dimmers. Refer to dimming matrix for more information.

### INTERCHANGEABLE

The Elite RL660/RL661 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, B6RIC -AT, B5IC-AT and B5RIC-AT) but is also suitable for use in most 6-inch and 5-inch recessed downlight housings.

### ADAPTABLE

All Elite RL660/RL661 luminaires are shipped standard with our custom engineered Edison adapter. This adapter assembly allows the luminaires to install directly into existing Elite 5" and 6" incandescent downlight housings and most other 6-inch and 5-inch incandescent downlight housings. GU24 style socket base adapters also available upon request.

### OUR WORD

The Elite RL660/RL661 is warranted for 5 years of flawless operation. As a system, we stand behind the entire Elite product from housing to bar hangers. When the Module LED is installed in retrofit applications, only the **Module** itself is warranted.

### INSTALLATION

**DIMENSIONS**

- Utilizes industry standard V or torsion springs, installs in most 6" and 5" incandescent down lights.
- Insert torsion springs into can and press trim to ceiling.



### CERTIFICATIONS

- ETL
- RoHS
- IECC
- LM79/LM80
- California Title 24
- New York state
- Washington state
- Made in USA

LED  
6"

5/6 INCH LED RETROFIT MODULE



LED  
6"

5/6 INCH LED RETROFIT MODULE

Example: **RL660-12W-DIMTR-120-30K-W-WH**

TYPE	600 LUMENS	COLOR	FINISH	OPTIONS
RL660 (BAFFLE)	<input type="checkbox"/> 12W-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> W-WH	<input type="checkbox"/> GU24SA- GU24 SOCKET ADAPTER

Example: **RL661-12W-DIMTR-120-30K-CL-WH**

TRIM TYPE	600 LUMENS	COLOR	FINISH	OPTIONS
RL661 (REFLECTOR)	<input type="checkbox"/> 12W-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> CL-WH	<input type="checkbox"/> GU24SA- GU24 SOCKET ADAPTER

### \*RECOMMENDED DIMMERS FOR ELITE RL660 & RL661 LED SYSTEM

LUTRON DIMMERS			LEVITON DIMMERS
INCADESCENT	MAGNETIC LOW VOLTAGE	ELECTRONIC LOW VOLTAGE	INCADESCENT
Glyder GLV-600-WH Glyder GL-1000-WH Lyneo LX-10PL-WH Skylark S-1000-WH Diva DVCL-153P Skylark CTCL-153P Nova N-600 NovaT NT600 Diva DV-600P Skylark S-600 Ariadni AY-600P Decora 600W Maestro Wireless MRF2-6ND-120	Diva DVLV-600P-WH Diva DVLV-10P-WH Toggler TGLV-600PR-WH Nova NLV-600 NovaT NTLV-600 Diva DVLV-600P	Maestro Wireless MRF2-6ELV-120-SW Vienti VTELV-600-M-B Nova NELV-450 NovaT NTELV-600 Skylark SELV-300P	Decora RPI06 Sureslide 6633