

RL663

UNIVERSAL 6"- ADJUSTABLE LED RETROFIT LIGHTING MODULE



ENGINEERED FOR VERSATILITY AND PERFORMANCE

The Elite RL663 has been engineered for New Construction, Remodel and Retrofit applications for 6 inch downlights. Dedicated housings install the same way as our standard incandescent downlights. The module can be adjusted up to 35 degrees vertically and rotates up to 359 degrees.

Over 620 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 26W CFL. Plus the Elite RL663 features 50,000 hours life, and California Title-24 compliance.

FEATURES

Greater light output than an 26W CFL or a 65W BR30 while consuming less than 14W of power. Fits in most 6 inch downlight housings. **Adjusts up to 35 degrees vertically.**

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 an exceptional cut-off. Now you have the Elite-engineered, superior quality, RL663 consuming less than 14 Watts and producing over 620 lumens.

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 RL663 light output will be maintained at 70% of initial at 50,000 hours of operation. 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.

REPEATABLE

Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite RL663 Module is engineered for quality. All Elite LED luminaries 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 RL663 lighting system is dimmable down to 10% by using an approved Incandescent dimmer or Select Electronic Low voltage dimmers when ordered with the following option (DIMTR-120). For 277V applications, a 0-10V dimming driver will be provided when ordered with the following option (DIM10-277). Refer to dimming matrix for more information.

INTERCHANGEABLE

The Elite RL663 LED system works in our dedicated (LD61C-AT ,LD61C-AT) housings and our existing 6" incandescent housings (or standard B61C-AT ,EZ61C-AT, B261C-AT, B261C-AT, B61C-AT) but is also suitable for use in most 6-inch recessed downlight housings.

ADAPTABLE

All Elite RL663 luminaries are shipped standard with our custom engineered Edison adapter. This adapter assembly allows the luminaries to install directly into existing Elite 6" downlight housings and most other 6-inch downlight housings. GU24 style socket base adapters also available upon request.

OUR WORD

The Elite RL663 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



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

PROUDLY ASSEMBLED in AMERICA



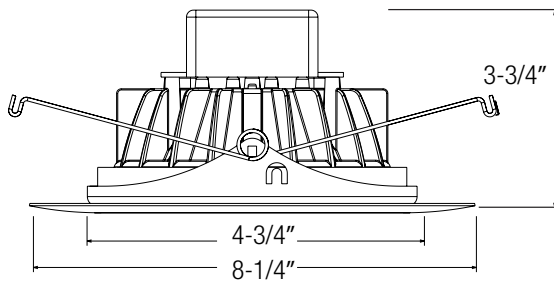
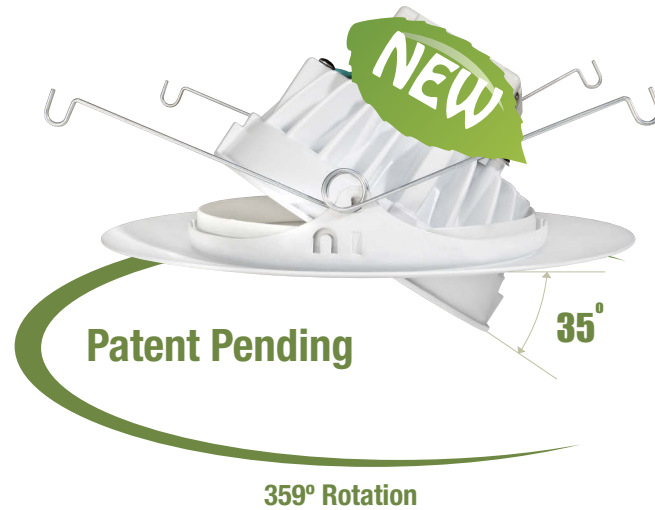
CERTIFICATIONS

- cULus
- RoHS
- IECC
- LM97/LM80
- California Title 24
- New York state
- Washington state
- Made in USA
- ETL

LED
6"

6 INCH ADJUSTABLE LED RETROFIT MODULE

iFit RL663
5 years WARRANTY



Example: **RL663-14W-DIM10-120-30K-W-WH**

TYPE	620 LUMENS	COLOR	FINISH	OPTIONS
RL663 (ADJUSTABLE BAFFLE)	<input type="checkbox"/> 14W-DIMTR-120 <input type="checkbox"/> 14W-DIM10-277	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K	<input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> W-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> GU24SA- GU24 SOCKET ADAPTER

***RECOMMENDED TRIAC AND ELECTRONIC LOW VOLTAGE DIMMERS FOR ELITE iFit663 LED SYSTEM - RL663**

LUTRON DIMMERS	LUTRON CONTROL SYSTEM	LEVITON DIMMERS
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	DIMTR Homeworks HW/LP-RPM-4A-120 PHPM-PA Graphic Eye QS Radio RA2 RRD-10ND PHPM-PA ELV1-1000	DIMTR IllumaTech IPE04 Sureslide 6633 Acenti Vizia+