**Elite LED Lighting System**

The Elite LED lighting system carries a five-year carefree warranty for compatible dimming systems.

**DIMMING**

The Elite LED Module is dimmable down to 15% of initial light continued cool operation for years. Our LED driver is rated for 50 to 60...)

**DIMMING**

The Elite LED Module system works in our dedicated (LD4IC-AT, LD4-AT, HLD4IC-AT, HLD4-AT) but is also suitable for use in most 4“...)

**INSTALLATION**

4” LED Retrofit Die-Cast Aluminum Lensed Baffle 4”

**FEATURES**

Elite REL Retrofits are ideal for new construction or remodel applications when paired with an Elite recessed housing. Engineered for quick and easy retrofitting into existing incandescent recessed housings. Multiple trim types, trim finishes, and apertures make the REL Retrofits perfect for hotels and restaurants, assisted living facilities, dormitories, and kitchens.

<table>
<thead>
<tr>
<th>LUMENS</th>
<th>950, 1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT</td>
<td>27K, 30K, 35K, 40K, 50K</td>
</tr>
<tr>
<td>CRI</td>
<td>90+</td>
</tr>
<tr>
<td>COLOR QUALITY</td>
<td>3 Step MacAdam Ellipses</td>
</tr>
<tr>
<td>TRIM</td>
<td>Baffle, Aluminum die-cast body and trim</td>
</tr>
<tr>
<td>REFLECTOR COLORS</td>
<td>WH (White)</td>
</tr>
<tr>
<td>FLANGE COLORS</td>
<td>W (White)</td>
</tr>
<tr>
<td>DIMMING</td>
<td>DIMTR (Triac)</td>
</tr>
<tr>
<td>LIFETIME</td>
<td>50,000 Hours</td>
</tr>
<tr>
<td>EMERGENCY</td>
<td>16W high voltage inverter (Installed into the housing)*</td>
</tr>
<tr>
<td>PHOTOMETRIC TESTS</td>
<td>In Accordance with IES LM79-08, LM80 and TM-30, TM-21</td>
</tr>
</tbody>
</table>

*Consult Factory

**TRIM INSERTS OPTIONS**

**BAFFLES**

REL637-BT-SN-SN  REL637-BT-P-BK  REL637-BT-DBZ-DBZ

**REFLECTORS**

REL637-RT-CL-WH  REL637-RT-DBZ-DBZ  REL637-RT-MB-BK  REL637-RT-SN-SN

**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 (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.

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www.iuseelite.com
CONSTRUCTION
Die-cast aluminum body for maximum heat dissipation. Baffle and reflector trims are available.

OPTICS
A 55-degree cutoff angle delivers glare-free, even illumination.

COMPATIBLE WITH ELITE 6” HOUSINGS
The Elite REL637 series works in Elite housings (LD6IC-AT, LDSIC-AT) and existing 6” incandescent housings. Elite LED Retrofits are shipped with a medium-based socket adapter to allow installation into housings with an E26 incandescent medium-based socket. Also suitable for use in most 6” and 5” incandescent recessed downlight housings.

QUICK AND EASY INSTALLATION
Quick connectors for use with 5” or 6” housing or Edison base adapter for Quick and Easy Installation.

Torsion springs pre-installed onto both sides of fixture, installing easily in most retrofitting into existing 6” incandescent housings.

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.


TRIM RING ACCESSORY: REL637-BT-SN-SN

ACCESSORY: GU24SA

*Accessories order separate

EXAMPLE: HLD6IC-AT

COMPATIBLE ELITE LIGHTING HOUSINGS

- LD6IC - LD5IC - LD6-AT
- HLD6IC-AT - HLD5IC-AT - HLD6-AT
- LD600IC-AT - LD500IC-AT - BD-AT
- EZ6IC-AT - EZ5IC-AT - LD5-AT
- B6IC-AT - BSIC-AT - HLD5-AT
- B6IC-100-AT - BSIC-100-AT - BS-AT
- B600-IC - B500-IC

*Housing order separate

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**Zonal Luminous Summary**

- **Zone**: 0-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100
- **Lumens**: 321.55, 639.2, 928.79, 1194.97, 1210.3, 1210.32, 1194.97, 1194.97
- **%Lamp**: 26.5, 52.8, 76.7, 97, 99.9, 99.9, 97, 97
- **%Fixt**: 26.5, 52.8, 76.7, 97, 99.9, 99.9, 97, 97

**Luminance (Average candela/M²)**

- **Angle in Degrees**: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90
- **0º**: 5256, 5573, 6445, 5520, 1318, 8240, 3092, 6445
- **45º**: 2200, 2528, 2696, 2200, 1318, 8240, 3092, 6445
- **90º**: 2528, 2200, 1318, 8240, 3092, 6445

**Lumens Per Zone**

- **Zone**: 0-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100
- **Zone Lumens**: 5256, 5573, 6445, 5520, 1318, 8240, 3092, 6445

**Candela Tabulation**

- **Zone**: 0-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100
- **Zone Lumens**: 5256, 5573, 6445, 5520, 1318, 8240, 3092, 6445

**Coefficients of Utilization - Zonal Cavity Method**

- **Effective Floor Reflectance 0.20**: 0, 583.60, 571.58, 547.39, 483.56, 387.54, 259.32, 141.85

**REL637-950L-DIMTR-120-27K-90-W-WH**

- **Input Watts**: 14.5
- **Lumens**: 1133
- **CRI**: 90
- **Efficacy**: 78
- **CCT**: 2700K

- **Test No.**: EL110217
- **Spacing Criteria**: 1.24

**REL637-1200L-DIMTR-120-35K-90-W-WH**

- **Input Watts**: 16
- **Lumens**: 1211
- **CRI**: 90
- **Efficacy**: 75
- **CCT**: 3500K

- **Test No.**: EL011960
- **Spacing Criteria**: 1.04

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**COMPARABLE DIMMER**

- **DIMMER**: DSE06-10Z
  - **BRAND**: Leviton

- **DIMMER**: PD-5NE
  - **BRAND**: Lutron

- **DIMMER**: NTCL-250
  - **BRAND**: Lutron

- **DIMMER**: MRF2S-6EL120
  - **BRAND**: Lutron

- **DIMMER**: DVELV-303-P
  - **BRAND**: Maelv-600

- **DIMMER**: MA-PRO
  - **BRAND**: Lutron

- **DIMMER**: 6672-1LW
  - **BRAND**: Leviton

- **DIMMER**: DDL06-1LZ
  - **BRAND**: Lutron

- **DIMMER**: VPE06-1LZ
  - **BRAND**: Leviton

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**Zonal Lumen Summary**

- **Zone**: 0-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100
- **Lumens**: 321.55, 639.2, 928.79, 1194.97, 1210.3, 1210.32, 1194.97, 1194.97
- **%Lamp**: 26.5, 52.8, 76.7, 97, 99.9, 99.9, 97, 97
- **%Fixt**: 26.5, 52.8, 76.7, 97, 99.9, 99.9, 97, 97

**Luminance (Average candela/M²)**

- **Angle in Degrees**: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90
- **0º**: 5256, 5573, 6445, 5520, 1318, 8240, 3092, 6445
- **45º**: 2200, 2528, 2696, 2200, 1318, 8240, 3092, 6445
- **90º**: 2528, 2200, 1318, 8240, 3092, 6445

**Lumens Per Zone**

- **Zone**: 0-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100
- **Zone Lumens**: 5256, 5573, 6445, 5520, 1318, 8240, 3092, 6445

**Candela Tabulation**

- **Zone**: 0-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100
- **Zone Lumens**: 5256, 5573, 6445, 5520, 1318, 8240, 3092, 6445

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- **Efficacy**: 78
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- **Spacing Criteria**: 1.24

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**REL637-1200L-DIMTR-120-35K-90-W-WH**

- **Input Watts**: 16
- **Lumens**: 1211
- **CRI**: 90
- **Efficacy**: 75
- **CCT**: 3500K

- **Test No.**: EL011960
- **Spacing Criteria**: 1.04

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