# ULTRA RT LED
# Recessed Downlight Kits

## FAQs

**LED**
**CREATING TOMORROW**
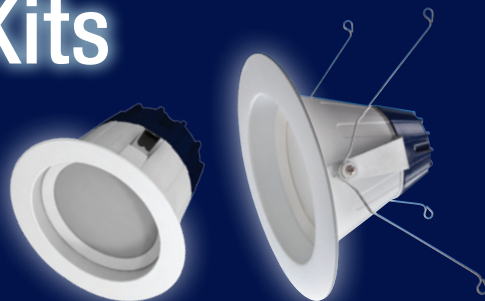
1. **How much light do the ULTRA RT6 and ULTRA RT4 LED downlights deliver?**
   - RT4 = 550 lumens
   - RT6 = 625 lumens

2. **What are the input wattage and lumens per watt?**
   - RT4: 550 lumen package = 9W (61LPW)
   - RT6: 625 lumen package = 11W (61LPW*)

3. **What are the color temperatures and the CRI?**
   The ULTRA RT4 and ULTRA RT6 are offered in 2700K and 3000K with a CRI of 82.

4. **What is the expected life rating of the ULTRA RT4 and ULTRA RT6?**
   The average rated life for the ULTRA RT4 and ULTRA RT6 is 35,000 hours ($L_{70}$) in Insulated Ceilings (IC), Non-IC, and Airtight**(AT) housings. LED lamp life is defined as the number of hours when 50% of an average group of identical lamps reaches 70% of its initial lumens.

5. **What finishes are available?**
   The ULTRA RT4 and ULTRA RT6 come with an integrated white trim. For additional finishes please contact your SYLVANIA sales professional.

6. **Are the ULTRA RT4 and ULTRA RT6 LED downlights dimmable?**
   Yes, the ULTRA RT4 and ULTRA RT6 are phase-cut dimmable to 20% of light output. Please note: selected dimmers can achieve even lower dimming levels. For a compatible dimmer list, please refer to www.sylvania.com/RT6 or www.sylvania.com/RT4.

\* Product was Lighting Fact Label certified to deliver up to 644 lumens.
\*\* Complies with Washington State energy code (WSEC) requirement for airtight.

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**7. What housings (rough-ins) should be used?**

ULTRA RT4 and ULTRA RT6 are compatible with most standard 4" housings and 6" housings with torsion spring brackets, respectively. ULTRA RT6 is not currently compatible with commercial housings (i.e. without trim brackets inside). SYLVANIA will offer an accessory to ensure compatibility. (See www.sylvania.com/RT6 or www.sylvania.com/RT4 for specific details.)

**8. How do I install the ULTRA RT4 and ULTRA RT6 LED downlights?**

The ULTRA RT4 and ULTRA RT6 come standard with an Edison based adapter. The ULTRA RT6 comes with torsion springs that can be adjusted to fit your specific housing. The ULTRA RT6 offers a positive fit to ensure proper installation.

**9. Do the ULTRA RT4 and ULTRA RT6 produce a lot of glare?**

No, the ULTRA RT4 and ULTRA RT6 blend seamlessly into your ceiling.

**10. Do the ULTRA RT4 and ULTRA RT6 meet Title 24 requirements?**

Yes, any compatible housing can be used after wire modification is made. For more information please see www.sylvania.com/RT6 or www.sylvania.com/RT4.

**11. Are the ULTRA RT4 and ULTRA RT6 LED downlights IC rated for use in insulated ceilings?**

Yes.

**12. Are the ULTRA RT4 and ULTRA RT6 damp location listed?**

Yes, they are damp location listed and can be used in areas that are protected from direct contact with rain (example: shower application).

**13. Are the ULTRA RT4 and ULTRA RT6 wet location listed?**

No, the ULTRA RT4 and ULTRA RT6 are not wet location listed and cannot be used in unsheltered outdoor areas that are exposed to direct contact with rain, etc.

**14. Are the ULTRA RT4 and ULTRA RT6 ENERGY STAR® qualified?**

Yes, both the RT4 and RT6 are ENERGY STAR qualified.

**15. What are the warranties on the ULTRA RT4 and ULTRA RT6 downlights?**

ULTRA RT4 and ULTRA RT6 LED downlights are covered by a three year warranty. For warranty claims or other information, please contact us at 1-800-LIGHTBULB.

**16. What is the Total Harmonic Distortion (THD) of the ULTRA RT4 and ULTRA RT6?**

Total Harmonic Distortion of a signal is a measurement of the harmonic distortion present and is defined as the ratio of the sum of the powers of all harmonic components to the power of the fundamental frequency. The THD of the ULTRA RT4 and ULTRA RT6 is 60% at a power factor of 0.81 and will be improved to meet <20% THD. Some California utilities require LED systems to have a THD factor of <20% at full light output to be eligible for utility rebates.

**17. Do the ULTRA RT4 and ULTRA RT6 have external power supplies?**

The LED driver/power supply is fully integrated in the housing for optimized lumen delivery and superior thermal management of the LED package.

**18. What's the difference between the ETL Listed and UL Listed Marks?**

Both marks indicate that a product meets the minimum requirements of widely accepted product safety standards, determined through independent testing by a Nationally Recognized Testing Laboratory (NRTL). So the only real difference between the marks is in the service of the testing laboratories behind them. Intertek's (formerly ETL) custom-tailored testing, quick turnarounds and flexible work methods promote collaboration between testing lab and manufacturer, to bring products to market more quickly, smoothly and cost-effectively.

**19. Are manufacturers required to use UL for their compliance testing?**

No. In fact, this misconception has misled many to believe that they don't have a choice in third-party testing partners. The only major requirement is that the laboratory performing the testing is an OSHA recognized NRTL. Consequently, the ETL Listed Mark serves as an indicator of compliance with applicable product safety standards.

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