



**Market Segments:**

- Residential
- Healthcare
- Hospitality
- Office
- Property Management
- Retail

## ULTRA RT6 LED Recessed Downlight Kit

The SYLVANIA ULTRA RT6 is a six-inch LED recessed downlight kit creating high performing white light and is optimized for new construction and retrofit applications. Installation is done quickly and easily in most standard six inch:

- Insulated Ceiling (IC) housings
- Airtight (AT) housings
- Non-IC housings

**Product Features & Benefits:**

- Lumen package:
  - 625 lumens @ 11watts
  - Replacement for 65BR30 incandescent lamps
- CCT: 3000K and 2700K
- CRI of 82
- Dimmable to 20-100%
- 35,000 hour life (L<sub>70</sub>)
- Suitable for indoor and damp locations
- Reduces energy consumption up to 86%
- 120V input voltage
- Lasts 17 times longer than incandescent lamps
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- Meets California Title 24 fixture requirements for high efficacy luminaire
- Integrated white trim and medium base socket adaptor (included) for direct replacement



**SYLVANIA** 

## Specifications & Ordering Information

Item Number	Ordering Abbreviation	Recessed Housing	Replaced Incandescent Wattage	Nominal Wattage (W)	Delivered Light Output (lm)	Color Temperature	CRI	Avg. Rated Life (hrs)*	Packaging Configuration
70644	LED/625/RT6/830/FL80/WRFL/WTR	6 in.	65W	11	625	3000K	82	35,000	1 Pack Blister
70651	LED/625/RT6/830/FL80/WRFL/WTR/2PK	6 in.	65W	11	625	3000K	82	35,000	2 Pack Blister
70653	LED/625/RT6/830/FL80/WRFL/WTR/BOX	6 in.	65W	11	625	3000K	82	35,000	Box

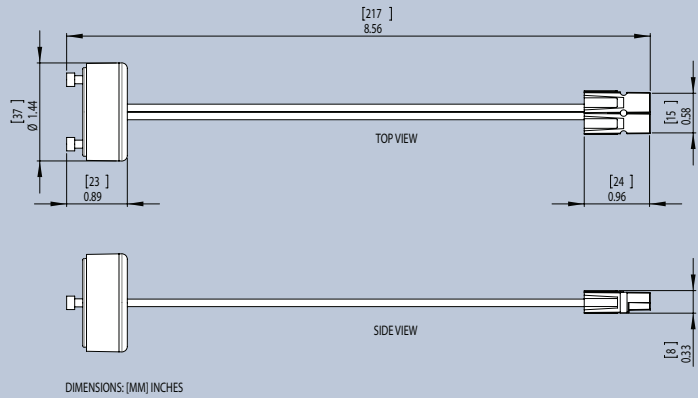
\* LED lamp life is defined as the number of hours when 50% of an average group of identical lamps reached 70% of its initial lumens.

## Ordering Guide

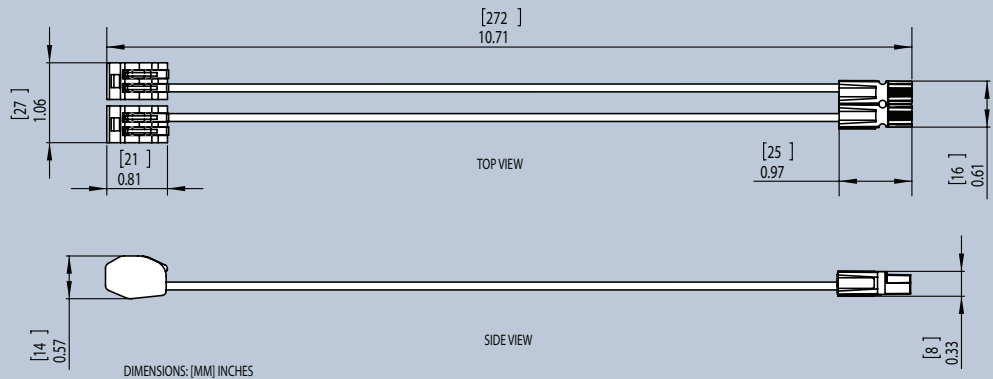
LED	/	625	/	RT6	/	8	30	/	FL	80	/	WRFL	/	WTR	/	2PK
LED		Light Output (lm)		Product Name RT6		CRI>80	Color Temperature 3000K		Flood	Beam Angle 80 degrees		White Reflector		White Trim		Package Qty.

## Accessories

70650 LED/CRT6/GU24/SOCKET/ADAPTOR (sold separately)



70657 LED/CRT6/RETROFIT/ADAPTOR (sold separately)

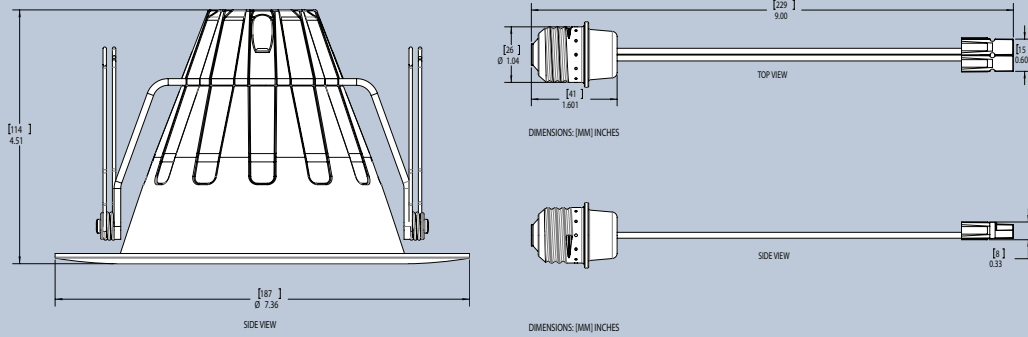


## Energy Savings

Basic Product Description	LED		Traditional Lamp Types	Lumens	Life	Watts Saved With RT6	RT6 Energy Savings*	RT6 Life Benefit
	Lumens	Life						
RT6 11W	625	35,000	Incandescent 65BR30	640	2000	54	\$208	17X
			Halogen 50WBR30/SS/HAL	585	2500	39	\$150	14X
			Halogen 50PAR30LN/WFL	660	2500	39	\$150	14X
			Compact Fluorescent 15WBR30	600	8000	4	\$15	4X

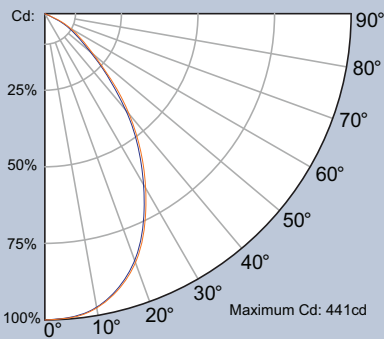
\* Based on \$0.11/kwh, 3 hours a day

## Lamp Dimensions

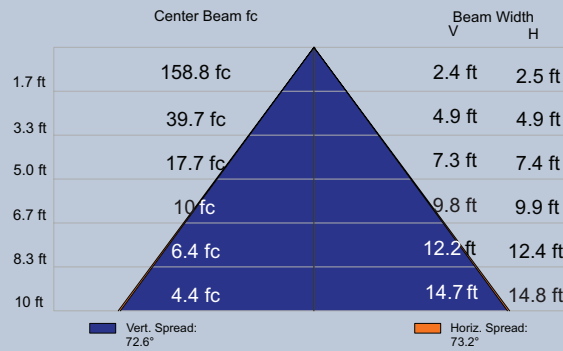


## Photometric Information

### Polar Chart



### Illuminance at Distance



### Zonal Lumen Distribution

Zone	Lumens	% Fixture
0-30	308.9	47.9
0-40	455.2	70.6
0-60	608.4	94.4
60-90	36.2	5.6
0-90	644.6	100.0
90-180	0.0	0.0
0-180	644.6	100.0

## Application Notes

1. Operating temperature range between -32°F and +86°F (-0°C and +30°C).
2. Suitable for use in indoor and damp location environments.
3. Suitable for dimmers or in housings controlled by a dimmer – see [www.sylvania.com/RT6](http://www.sylvania.com/RT6) for detailed dimmer compatibility list.
4. Not intended for use with emergency light fixtures or exit lights.
5. For use in housings that can structurally support a lamp weighing one pound.
6. Designed to install in standard 6" insulated and non-insulated housings. For a list of compatible housings, please refer to [www.sylvania.com/RT6](http://www.sylvania.com/RT6).
7. For detailed warranty information, please see [www.sylvania.com/RT6](http://www.sylvania.com/RT6).

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Specifications subject to change without notice.

LED149R2

SYLVANIA

## lighting facts®

A Program of the U.S. DOE

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**Light Output (Lumens)** **625**

**Watts** **11**

**Lumens per Watt (Efficacy)** **61**

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**Color Accuracy**  
Color Rendering Index (CRI) **82**

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**Light Color**  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

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All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: 5BZT-1D3NNC  
Model Number: LED/625/RT6/830/FL80/WRF/WTR  
Type: Recessed downlight

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