SYLVANIA Luminaire

ValueLED™ Contractor Series RT Screw-based Smooth Reflector

Application

Ideal for retrofit applications in healthcare, hospitality, office, residential and retail using 4 inch, 5 inch & 6 inch housings.

Benefits and Features

- Lumen Package:
 - RT4 with 550 lumens
 - RT5/6 with 625 lumens
- Complete product mix with all color temperatures available: 2700K, 3000K, 4000K and 5000K
- Integrated white trim, smooth reflector, socket adaptor, airtight ring (included)
- No warm-up time, instant-on with full light output and consistent lamp to lamp color
- RT5/6 is compatible with 5 inch & 6 inch housings
- CRI >80
- Offered in 8W and 9W
- Available beam angle: 110°

Electrical

— 120 Vac

Rated Life

- 11,000 hours (L₇₀)

Warranty

3-year

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

Certifications and Listings

- UL



Wattage Comparison

Traditional	Traditional System	LED System	Energy
Source	Wattage	Wattage	Savings
Incandescent	50W	8W	86%
Incandescent	65W	9W	86%

Installation

- Suitable for indoor and outdoor dry, damp and wet locations.
- Suitable for dimmers or in housings controlled by a dimmer.
 For a list of compatible dimmers, please refer to https://www.sylvania.com/en-us/products/solid-state-lighting-led/Pages/ULTRADownlight-LED-Retrofit-Kits.aspx
- Compatible with Leviton SureSlide model 6674, Lutron Maesto C-L model MACL-153P, Lutron Caseta PD-6WCL, Lutron model DVCL-153P, and Leviton model 6672.
- The RT4 & RT5/6 Screw-based recessed downlight kits are dimmable down to 10% of full light output with compatible dimmers. The minimum dimming value is based on light output using compatible dimmers and may not be an indication of the kit's full rated capability.
- Not intended for use with emergency light fixtures or exit lights.
- For use in housings that can structurally support a lamp weighing one pound.
- RT5/6 designed to install in standard 5" and 6" insulated and non-insulated housings.

Specifications and Certifications





Specification Data

Catalog #	Туре
Project	
Comments	
Prepared by	

Ordering Guide

LED	1	RTX	1	XXX	1	8	XX
LED		RT4		Lumens		CRI	Color Temperature
		RT5/6		550, 625		8 = 80	27 = 2700K
							30 = 3000K
							40 = 4000K
							50 = 5000K

Ordering Information

				Input	Average			Typical						
Ordering	Power	Base		Voltage	Life		Case	Lumens		Power	Bulb	ENERGY		
Abbreviation	(W)	Type	Replaces	(V)	(hrs)	CCT	Qty	(lm)	CRI	Factor	Finish	STAR®	T20	T24
LED/RT4/550/827	8W	E26 Medium	50W	120	11,000	2700K	4	550	80	>90%	Frosted	No	No	No
LED/RT4/550/830	8W	E26 Medium	50W	120	11,000	3000K	4	550	80	>90%	Frosted	No	No	No
LED/RT4/550/840	8W	E26 Medium	50W	120	11,000	4000K	4	550	80	>90%	Frosted	No	No	No
LED/RT4/550/850	8W	E26 Medium	50W	120	11,000	5000K	4	550	80	>90%	Frosted	No	No	No
LED/RT56/625/827	9W	E26 Medium	65W	120	11,000	2700K	4	625	80	>90%	Frosted	No	No	No
LED/RT56/625/830	9W	E26 Medium	65W	120	11,000	3000K	4	625	80	>90%	Frosted	No	No	No
LED/RT56/625/840	9W	E26 Medium	65W	120	11,000	4000K	4	625	80	>90%	Frosted	No	No	No
LED/RT56/625/850	9W	E26 Medium	65W	120	11,000	5000K	4	625	80	>90%	Frosted	No	No	No
	Abbreviation LED/RT4/550/827 LED/RT4/550/830 LED/RT4/550/840 LED/RT4/550/850 LED/RT56/625/827 LED/RT56/625/830 LED/RT56/625/840	Abbreviation (W) LED/RT4/550/827 8W LED/RT4/550/830 8W LED/RT4/550/840 8W LED/RT4/550/850 8W LED/RT56/625/827 9W LED/RT56/625/830 9W LED/RT56/625/840 9W	Abbreviation (W) Type LED/RT4/550/827 8W E26 Medium LED/RT4/550/830 8W E26 Medium LED/RT4/550/840 8W E26 Medium LED/RT4/550/850 8W E26 Medium LED/RT56/625/827 9W E26 Medium LED/RT56/625/830 9W E26 Medium LED/RT56/625/840 9W E26 Medium	Abbreviation (W) Type Replaces LED/RT4/550/827 8W E26 Medium 50W LED/RT4/550/830 8W E26 Medium 50W LED/RT4/550/840 8W E26 Medium 50W LED/RT4/550/850 8W E26 Medium 50W LED/RT56/625/827 9W E26 Medium 65W LED/RT56/625/830 9W E26 Medium 65W LED/RT56/625/840 9W E26 Medium 65W	Ordering Abbreviation Power (W) Base Type Voltage Replaces Voltage (V) LED/RT4/550/827 8W E26 Medium 50W 120 LED/RT4/550/830 8W E26 Medium 50W 120 LED/RT4/550/840 8W E26 Medium 50W 120 LED/RT4/550/850 8W E26 Medium 50W 120 LED/RT56/625/827 9W E26 Medium 65W 120 LED/RT56/625/830 9W E26 Medium 65W 120 LED/RT56/625/840 9W E26 Medium 65W 120	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) LED/RT4/550/827 8W E26 Medium 50W 120 11,000 LED/RT4/550/830 8W E26 Medium 50W 120 11,000 LED/RT4/550/840 8W E26 Medium 50W 120 11,000 LED/RT4/550/850 8W E26 Medium 50W 120 11,000 LED/RT56/625/827 9W E26 Medium 65W 120 11,000 LED/RT56/625/830 9W E26 Medium 65W 120 11,000 LED/RT56/625/840 9W E26 Medium 65W 120 11,000	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) CCT LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K LED/RT4/550/850 8W E26 Medium 50W 120 11,000 5000K LED/RT56/625/827 9W E26 Medium 65W 120 11,000 2700K LED/RT56/625/830 9W E26 Medium 65W 120 11,000 3000K LED/RT56/625/840 9W E26 Medium 65W 120 11,000 3000K	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) CCT Qty LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 LED/RT4/550/850 8W E26 Medium 50W 120 11,000 5000K 4 LED/RT56/625/827 9W E26 Medium 65W 120 11,000 2700K 4 LED/RT56/625/830 9W E26 Medium 65W 120 11,000 3000K 4 LED/RT56/625/840 9W E26 Medium 65W 120 11,000 3000K 4	Ordering Abbreviation Power (W) Base (W) Voltage Replaces (V) Life (hrs) CCT Qty Lumens (Im) LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 LED/RT4/550/850 8W E26 Medium 50W 120 11,000 5000K 4 550 LED/RT56/625/827 9W E26 Medium 65W 120 11,000 2700K 4 655 LED/RT56/625/830 9W E26 Medium 65W 120 11,000 3000K 4 655 LED/RT56/625/840 9W E26 Medium 65W 120 11,000 4000K 4 655	Ordering Abbreviation Power (W) Base (W) Voltage Replaces (V) Life (hrs) CCT Quy Lumens CRI LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 80 LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 80 LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 80 LED/RT4/550/850 8W E26 Medium 50W 120 11,000 5000K 4 550 80 LED/RT56/625/827 9W E26 Medium 65W 120 11,000 2700K 4 625 80 LED/RT56/625/830 9W E26 Medium 65W 120 11,000 3000K 4 625 80 LED/RT56/625/840 9W E26 Medium 65W 120 11,000 3000K 4 625 80	Ordering Abbreviation Power Abbreviation Base (W) Voltage Replaces Life (V) CCT Cdy Lumens (Im) Power Pactor LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 80 >90% LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 80 >90% LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 80 >90% LED/RT4/550/850 8W E26 Medium 50W 120 11,000 500K 4 550 80 >90% LED/RT56/625/827 9W E26 Medium 65W 120 11,000 2700K 4 625 80 >90% LED/RT56/625/830 9W E26 Medium 65W 120 11,000 300K 4 625 80 >90% LED/RT56/625/840 9W E26 Medium 65W 120	Ordering Abbreviation Power (W) Base (W) Voltage Replaces (V) Life (hrs) CCT (hrs) CUT (hrs) CER (hrs) Lumens (hrs) Power Factor (hrs) Bulb Factor (hrs) LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 80 >90% Frosted LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 80 >90% Frosted LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 80 >90% Frosted LED/RT4/550/850 8W E26 Medium 50W 120 11,000 500K 4 550 80 >90% Frosted LED/RT56/625/827 9W E26 Medium 65W 120 11,000 2700K 4 625 80 >90% Frosted LED/RT56/625/830 9W E26 Medium 65W 120 11,000 300K 4 625 80 >90% Frosted	Ordering Abbreviation Power (W) Base (W) Voltage Replaces (V) Life (hrs) CCT (Dty) Lumens (Im) Power (Im) Bulb STAR® ENERGY STAR® LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 80 >90% Frosted No LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 80 >90% Frosted No LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 80 >90% Frosted No LED/RT4/550/850 8W E26 Medium 50W 120 11,000 5000K 4 550 80 >90% Frosted No LED/RT56/625/827 9W E26 Medium 65W 120 11,000 3000K 4 625 80 >90% Frosted No LED/RT56/625/830 9W E26 Medium 65W 120 <td< td=""><td>Ordering Abbreviation Power (W) Base (W) Voltage Replaces Life (V) CCT Qty (Im) CRI Factor Factor Finish Finish STAR® T20 LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 80 >90% Frosted No No No LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 80 >90% Frosted No No No LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 80 >90% Frosted No No No LED/RT4/550/850 8W E26 Medium 50W 120 11,000 500K 4 550 80 >90% Frosted No No No LED/RT56/625/827 9W E26 Medium 65W 120 11,000 300K 4 625 80 >90% Frosted No No No LED/RT56/625/830 9W E26 Medium 65W</td></td<>	Ordering Abbreviation Power (W) Base (W) Voltage Replaces Life (V) CCT Qty (Im) CRI Factor Factor Finish Finish STAR® T20 LED/RT4/550/827 8W E26 Medium 50W 120 11,000 2700K 4 550 80 >90% Frosted No No No LED/RT4/550/830 8W E26 Medium 50W 120 11,000 3000K 4 550 80 >90% Frosted No No No LED/RT4/550/840 8W E26 Medium 50W 120 11,000 4000K 4 550 80 >90% Frosted No No No LED/RT4/550/850 8W E26 Medium 50W 120 11,000 500K 4 550 80 >90% Frosted No No No LED/RT56/625/827 9W E26 Medium 65W 120 11,000 300K 4 625 80 >90% Frosted No No No LED/RT56/625/830 9W E26 Medium 65W

Energy Savings

Basic Product			Similar	Incandescent			LED Life vs
Description	LED Life (hrs)	LED Lumens	Incandescent (hrs)	Lumens	Watts Saved	Energy Savings*	Incandescent
LED/RT4/550/8XX	11,000	550	2000	640	42W	\$50	5.5X
LED/RT5/6/625/8XX	11.000	625	2000	640	56W	\$67	5.5X

^{*}Energy savings over life of lamp calculated at \$0.11/kWh

Physical Information

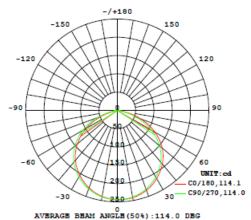
	(A)	(D)	RT4		RT5/6
Lamp Description	(A) Diameter in (mm)	(B) Height in (mm)	A	← B →	$A \qquad \stackrel{\bullet}{\longleftarrow} B \rightarrow$
LED/RT4/550/8XX LED/RT56/625/8XX	5.51 (140) 7.28 (185)	2.68 (68) 2.76 (70)			

Photometric Data

RT4 550lm

-/+180 -120 -90 -60 -180 -60 -7+180 -120 -90 -60 -7+180 -7

RT5/6 625lm

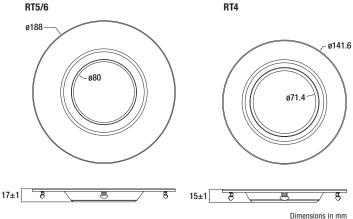


inadea bala lacab (557). III. 5

Accessories

RETROFIT TRIM (For non-Gimbal only, can be used with RT4 and RT5/6) Item

Number	Description
61713	RT4/TRIM/ORBZ/G2 One tone: Bronze Trim & Bronze Reflector
61714	RT4/TRIM/BLK/G2 One tone: Black Trim & Black Reflector
61715	RT4/TRIM/SN/G2 One tone: Satin Nickel Trim & Satin Nickel Reflector
61716	RT56/TRIM/ORBZ/G2 One tone: Bronze Trim & Bronze Reflector
61717	RT56/TRIM/BLK/G2 One tone: Black Trim & Black Reflector
61718	RT56/TRIM/SN/G2 One tone: Satin Nickel Trim & Satin Nickel Reflector





LEDVANCE LLC 200 Ballardvale Street Wilmington, MA 01887 USA Phone 1-800-LIGHTBULB (1-800-544-4828) www.sylvania.com

SYLVANIA and LEDVANCE are registered trademarks.

All other trademarks are those of their respective owners.

Licensee of product trademark SYLVANIA in general lighting.

Specifications subject to change without notice.





