

# SYLVANIA Luminaire

## ULTRA LED™ RT Screw-based

### Application

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

### Benefits and Features

- CEC and Tier 2 compliant
- Lumen Package:
  - RT4 with 675 lumens
  - RT5/6 with 725 & 900 lumens
- Complete product mix with all color temperatures available: 2700K, 3000K, 4000K and 5000K
- Replacement for up to 100W incandescent lamps
- Integrated white trim, white baffle 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
- Up to 84 LPW
- Phase-Cut Dimmable
- CRI 92
- Available beam angle: 110°

### Electrical

- 120V<sub>AC</sub>

### Rated Life

- 50,000 hours (L<sub>70</sub>)

### Warranty

- 5-year

### Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

### Certifications and Listings

- UL
- ENERGY STAR®
- Title 20
- Title 24 (Tier 2)

RT4



RT5/6



### Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
Incandescent	65W	8W	86%
Incandescent	65W	8.5W	86%
Incandescent	75W	10.5W	86%

### Installation

- Operating temperature range between -4°F and 104°F (-20°C and 40°C).
- 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/ULTRA-Downlight-LED-Retrofit-Kits.aspx>
- 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.
- Compatible with Philips Bodine ELI-S-20 Emergency Lighting Micro Inverter, IOTA model IIS-375-LED and LVS CEPS-350-VOLT.



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Guide

<b>LED</b>	<b>/</b>	<b>RTX</b>	<b>/</b>	<b>XXX</b>	<b>/</b>	<b>9</b>	<b>XX</b>	<b>/</b>	<b>G2</b>	<b>/</b>	<b>CEC</b>
LED		RT4		Lumens		CRI	Color Temperature		2nd Generation		CEC/Tier2
		RT5/6		675, 725, 900		9 = 92	27 = 2700K 30 = 3000K 40 = 4000K 50 = 5000K				Compliant

## Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Base Type	Replaces	Input Voltage (V)	Average Life (hrs)	CCT	Case Qty	Typical Lumens (lm)	CRI	Power Factor	Bulb Finish	ENERGY STAR®	T20	T24
40624	LED/RT4/675/927/G2/CEC	8W	E26 Medium	65W	120	50,000	2700K	4	675	92	>90%	Frosted	Yes	Yes	Yes
40625	LED/RT4/675/930/G2/CEC	8W	E26 Medium	65W	120	50,000	3000K	4	675	92	>90%	Frosted	Yes	Yes	Yes
40626	LED/RT4/675/940/G2/CEC	8W	E26 Medium	65W	120	50,000	4000K	4	675	92	>90%	Frosted	Yes	Yes	Yes
40627	LED/RT4/675/950/G2/CEC	8W	E26 Medium	65W	120	50,000	5000K	4	675	92	>90%	Frosted	Yes	Yes	No
40628	LED/RT5/6/725/927/G2/CEC	8.5W	E26 Medium	65W	120	50,000	2700K	4	725	92	>90%	Frosted	Yes	Yes	Yes
40629	LED/RT5/6/725/930/G2/CEC	8.5W	E26 Medium	65W	120	50,000	3000K	4	725	92	>90%	Frosted	Yes	Yes	Yes
40630	LED/RT5/6/725/940/G2/CEC	8.5W	E26 Medium	65W	120	50,000	4000K	4	725	92	>90%	Frosted	Yes	Yes	Yes
40631	LED/RT5/6/725/950/G2/CEC	8.5W	E26 Medium	65W	120	50,000	5000K	4	725	92	>90%	Frosted	Yes	Yes	No
40632	LED/RT5/6/900/927/G2/CEC	10.5W	E26 Medium	75W	120	50,000	2700K	4	900	92	>90%	Frosted	Yes	Yes	Yes
40633	LED/RT5/6/900/930/G2/CEC	10.5W	E26 Medium	75W	120	50,000	3000K	4	900	92	>90%	Frosted	Yes	Yes	Yes
40634	LED/RT5/6/900/940/G2/CEC	10.5W	E26 Medium	75W	120	50,000	4000K	4	900	92	>90%	Frosted	Yes	Yes	Yes
40635	LED/RT5/6/900/950/G2/CEC	10.5W	E26 Medium	75W	120	50,000	5000K	4	900	92	>90%	Frosted	Yes	Yes	No

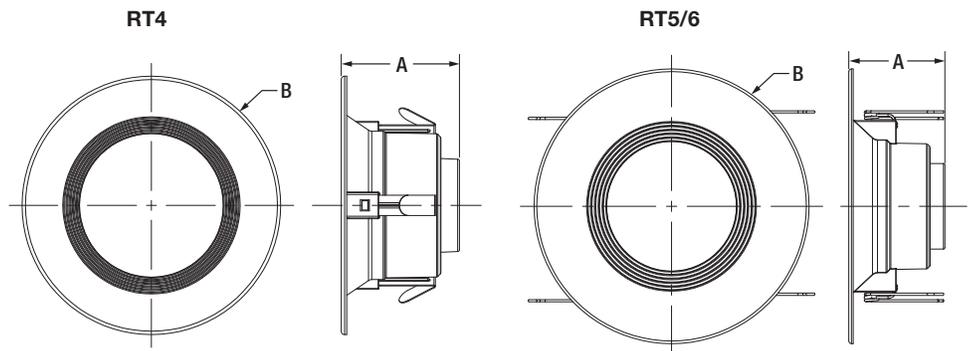
## Energy Savings

Basic Product Description	LED Life (hrs)	LED Lumens	Similar Incandescent (hrs)	Incandescent Lumens	Watts Saved	Energy Savings*	LED Life vs Incandescent
LED/RT4/675/9XX/G2	50,000	675	2000	640	57W	\$314	25X
LED/RT5/6/725/9XX/G2	50,000	725	2000	640	57W	\$314	25X
LED/RT5/6/900/9XX/G2	50,000	900	2000	1600	86W	\$360	25X

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

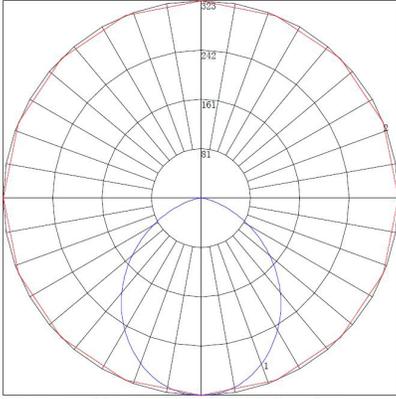
## Physical Information

Lamp Description	(A) Height in (mm)	(B) Diameter in (mm)
LED/RT4/675/9XX/G2	2.52 (64)	5.51 (140)
LED/RT5/6/725/9XX/G2	2.56 (65)	7.32 (186)
LED/RT5/6/900/9XX/G2	2.56 (65)	7.32 (186)



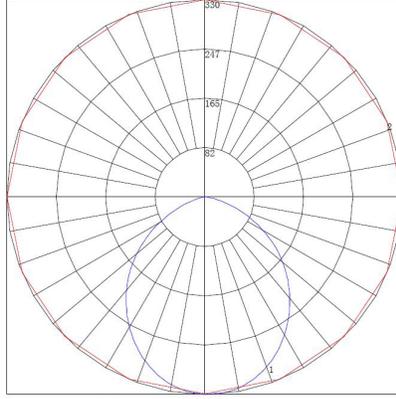
## Photometric Data

### RT4 675lm



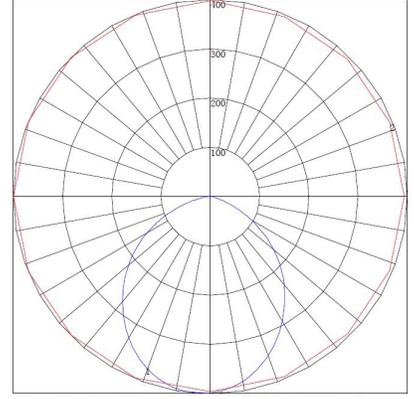
Maximum Candela = 322.82 Located At Horizontal Angle = 90, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

### RT5/6 725lm



Maximum Candela = 329.6 Located At Horizontal Angle = 90, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

### RT5/6 900lm



Maximum Candela = 400.13 Located At Horizontal Angle = 157.5, Vertical Angle = 4  
# 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)

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