

# LEDVANCE Luminaires

## SELECTABLE SCREW-BASE DOWNLIGHT

PERFORMANCE CLASS

### Application

The LEDVANCE RT Screw Base Downlights are ideal for retrofit applications in bedrooms, kitchens or bathrooms using 4", 5" or 6" housings.

### Benefits and Features

- Optional selectable lumen package changed via the switch located on the back of the luminaire:
  - RT4 offers 500, 600, or 700lm
  - RT5/6 offers 750, 1050, or 1300lm
- All color temperatures available in only one product. 2700K, 3000K, 3500K, 4000K and 5000K can be easily changed via switch located on the back of the luminaire
- Adjustable torsion springs in the 5/6" versions
- Integrated white trim, smooth or baffle reflector, E26 medium base socket adapter
- Color trim rings available as optional accessory
- No warm-up time, instant-on with full light output and consistent lamp to lamp color
- CRI >90
- Energy savings up to 89%

### Electrical

- 120Vac
- Power Factor >0.9
- THD <20%
- Phase-cut dimmable

### Rated Life

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

### Warranty

- 5-year
- NLB Trusted Warranty Program

### Ambient Operating Range

- 4°F to +102°F (-20°C to +40°C)



### Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
Incandescent	40	5	87%
Incandescent	55	6	89%
Incandescent	65	7	89%
Incandescent	65	7.5	88%
Incandescent	75	11	85%
Incandescent	100	14	86%

### Certifications and Listings

- cETLus
- RoHS
- FCC
- ENERGY STAR®
- Wet rated
- Title 24
- Title 20



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

LEDRT	XX	1AS	/ XXX	ST	9	SC3	/ XX	WH	/ E26
Product Name	Size	Generation	Lumens	Voltage/Dimming	CRI	Color Temp	Reflector Type	Finish/Color	Base
LEDRT = LED Downlight	4 = suitable for 4" cans 56 = suitable for 5-6" cans	1A = Generation 1A S = Selectable lumen	650 = 650 lumens 700 = 500, 600, or 700 lumen selectable 725 = 725 lumens 900 = 900 lumens 1200 = 1200 lumens 1300 = 750, 1050 or 1300 lumen selectable	S = 120V T = Triac dimmable	9 => >90	SC3 = 2700, 3000, 3500, 4000 or 5000K selectable	BA = Baffle SM = Smooth	WH = White	E26 = Medium Base

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage (V)	Dimming	CRI	Color Temperature (CCT)	Total Fixture Lumens (lm)	LPW	Reflector	ENERGY STAR®
<b>Dual Selectable</b>										
65735	LEDRT41AS/700ST9SC3/SM	5, 6 or 7	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	500, 600 or 700	100	Smooth	Yes
65736	LEDRT561AS/1300ST9SC3/SM	7.5, 11 or 14	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	750, 1050 or 1300	Up to 100	Smooth	Yes
65737	LEDRT41AS/700ST9SC3/BA	5, 6 or 7	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	500, 600 or 700	100	Baffle	Yes
65738	LEDRT561AS/1300ST9SC3/BA	7.5, 11 or 14	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	750, 1050 or 1300	Up to 100	Baffle	Yes
<b>CCT Selectable</b>										
62866	RT41A/650ST9SC3/SMWH/E26	7	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	650	93	Smooth	Yes
62867	RT41A/650ST9SC3/BAWH/E26	7	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	650	93	Baffle	Yes
62868	RT561A/725ST9SC3/SMWH/E26	8	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	725	91	Smooth	Yes
62869	RT561A/725ST9SC3/BAWH/E26	8	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	725	91	Baffle	Yes
62870	RT561A/900ST9SC3/SMWH/E26	10	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	900	90	Smooth	Yes
62871	RT561A/900ST9SC3/BAWH/E26	10	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	900	90	Baffle	Yes
62872	RT561A/1200ST9SC3/SMWH/E26	13	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	1200	92	Smooth	Yes
62873	RT561A/1200ST9SC3/BAWH/E26	13	120V	Phase-Cut	>90	2700, 3000, 3500, 4000 or 5000K	1200	92	Baffle	Yes

Dimmer Compatibility

Make	Leading or Trailing Edge	Model
Leviton SureSlide	L	6674
Lutron Maestro C-L	L	MACL-153M
Lutron Diva	L	DVCL-153P
Lutron Caseta	L	PD-6WCL
Legrand Radiant	L	RHCL453P
Lutron Diva	T	DVELV-300P
Lutron Maestro	T	MAELV-600

Accessories

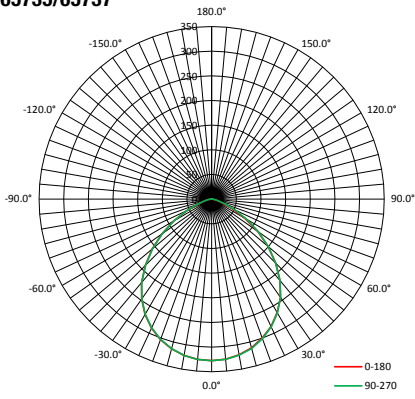
Color Trim Rings

Item Number	Ordering Abbreviation	Description	Compatible With
62498	RT4TRIMBLKSM1A	4" Black Trim Ring for smooth downlights	65735, 62866
62499	RT4TRIMORBZSM1A	4" Oil Rubbed Bronze Trim Ring for smooth downlights	65735, 62866
62500	RT4TRIMSNM1A	4" Satin Nickel Trim Ring for smooth downlights	65735, 62866
62501	RT56TRIMBLKSM1A	5-6" Black Trim Ring for smooth downlights	65736, 62868, 62870, 62872
62502	RT56TRIMORBZSM1A	5-6" Oil Rubbed Bronze Trim Ring for smooth downlights	65736, 62868, 62870, 62872
62503	RT56TRIMSNM1A	5-6" Satin Nickel Trim Ring for smooth downlights	65736, 62868, 62870, 62872
63430	RT4TRIMBLKBA1A	4" Black Trim Ring for baffle downlights	65737, 62867
63431	RT4TRIMORBZBA1A	4" Oil Rubbed Bronze Trim Ring for baffle downlights	65737, 62867
63432	RT4TRIMSNBA1A	4" Satin Nickel Trim Ring for baffle downlights	65736, 62867
63433	RT56TRIMBLKBA1A	5-6" Black Trim Ring for baffle downlights	65738, 62869, 62871, 62873
63434	RT56TRIMORBZBA1A	5-6" Oil Rubbed Bronze Trim Ring for baffle downlights	65738, 62969, 62871, 62873
63435	RT56TRIMSNBA1A	5-6" Satin Nickel Trim Ring for baffle downlights	65738, 62969, 62871, 62873

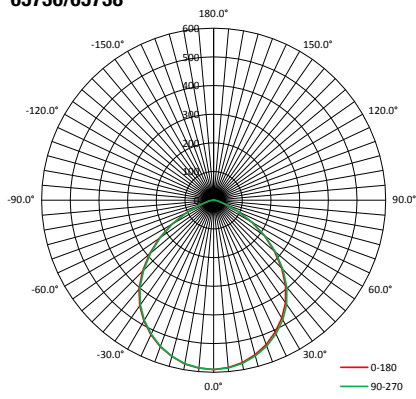


# Photometric Information

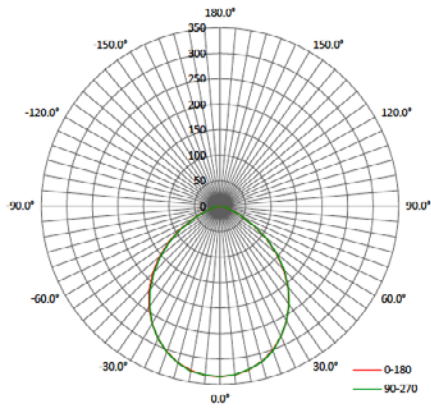
65735/65737



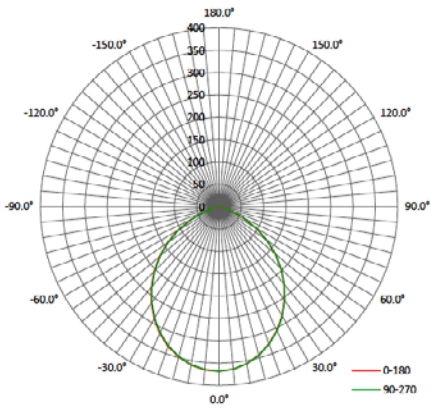
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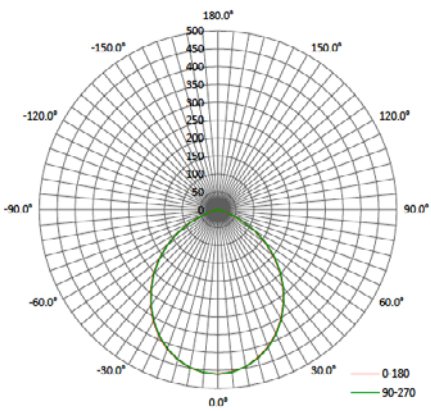
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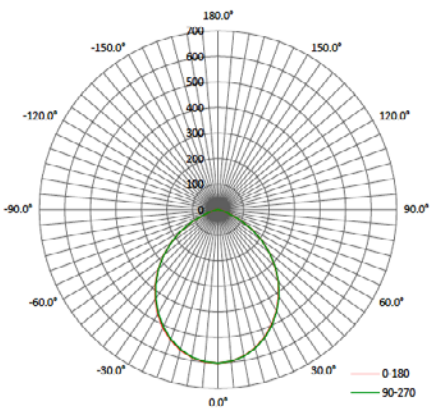
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62870/62871

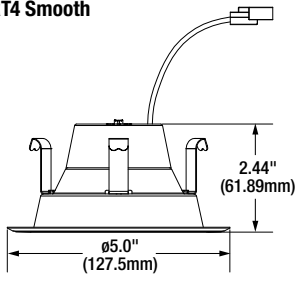


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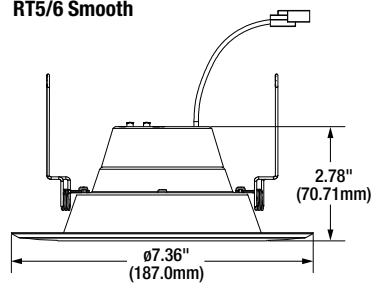


## Physical Information

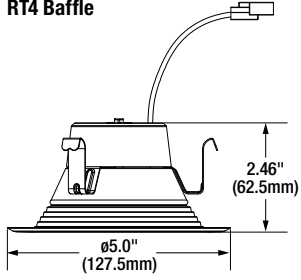
RT4 Smooth



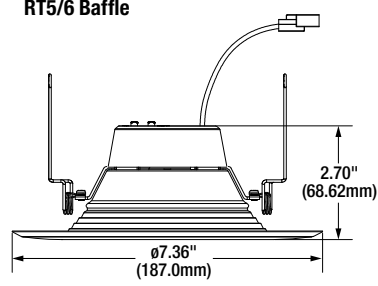
RT5/6 Smooth



RT4 Baffle

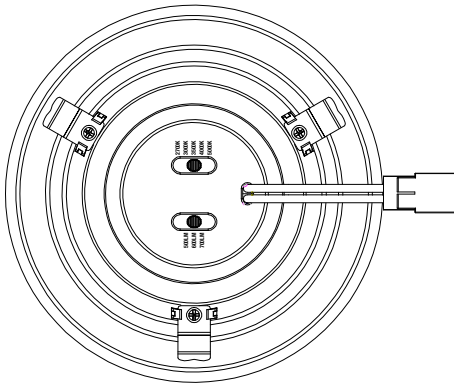


RT5/6 Baffle

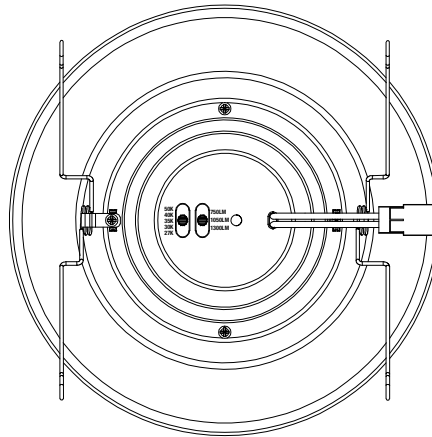


## Dual Selectable Switches

RT4

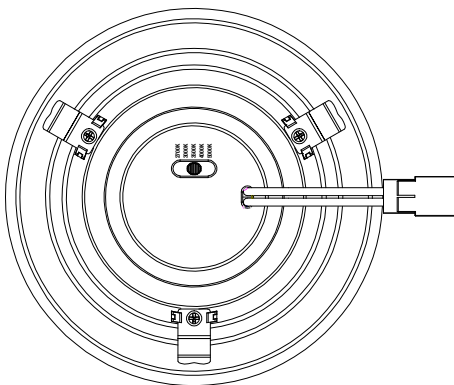


RT5/6

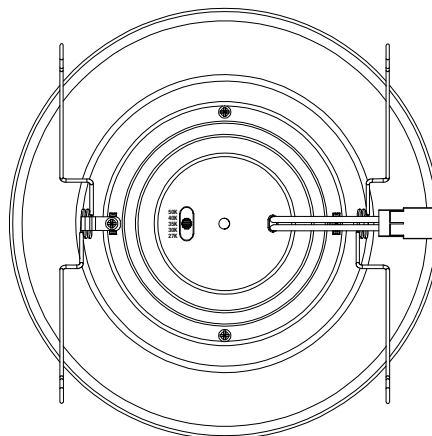


## CCT Selectable Switches

RT4



RT5/6

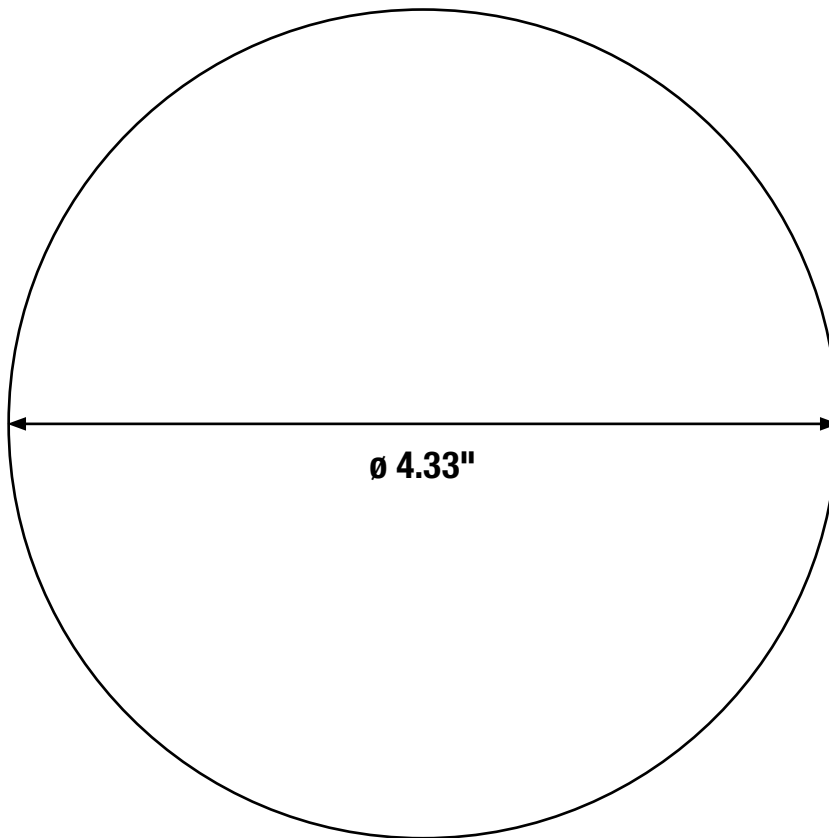


## Installation

- Operating temperature range between -4°F and 104°F (-20°C and 40°C).
- Suitable for indoor dry, damp and wet locations.
- 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.

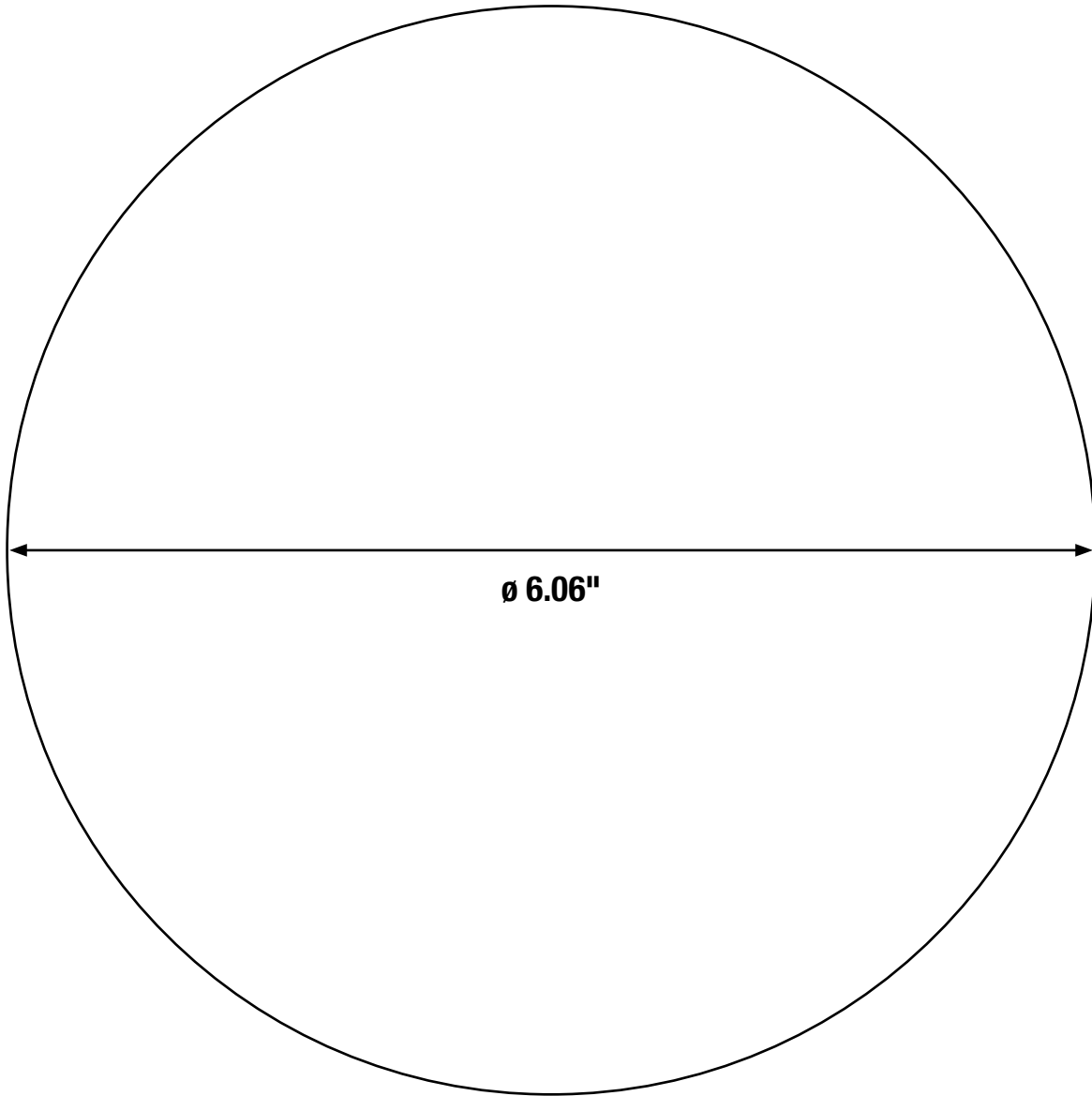
## Hole Cut Templates

### RT4 Hole Cut Template



## Hole Cut Templates

### RT6 Hole Cut Template



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