

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 (L₇₀)

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 | 4 = suitable for | 1A = Generation 1A | 650 = 650 lumens | S = 120V | 9 = >90 | SC3 = 2700, 3000, | BA = Baffle | WH = White | E26 = Medium |
| Downlight | 4" cans | S = Selectable lumen | 700 = 500, 600, or | T = Triac | | 3500, 4000 or | SM = Smooth | | Base |
| | 56 = suitable for | | 700 lumen selectable | dimnable | | 5000K selectable | | | |
| | 5-6" cans | | 725 = 725 lumens | | | | | | |
| | | | 900 = 900 lumens | | | | | | |
| | | | 1200 = 1200 lumens | | | | | | |
| | | | 1300 = 750, 1050 or | | | | | | |
| | | | 1300 lumen selectable | | | | | | |

Ordering Information

| Item Number | Ordering Abbreviation | Wattage (W) | Input Voltage (V) | Dimming | CRI | Color Temperature (CCT) | Total Fixture Lumens (lm) | LPW | Reflector | ENERGY STAR® |
|------------------------|----------------------------|---------------|-------------------|-----------|-----|---------------------------------|---------------------------|-----------|-----------|--------------|
| Dual Selectable | | | | | | | | | | |
| 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 |
| CCT Selectable | | | | | | | | | | |
| 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

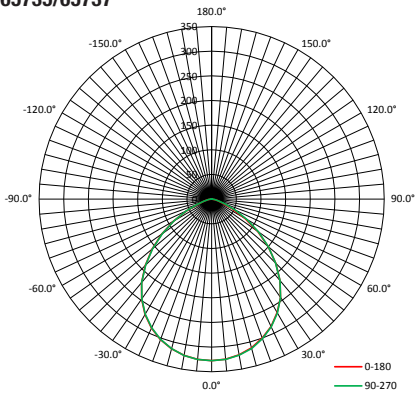
Color Trim Rings

| 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 |

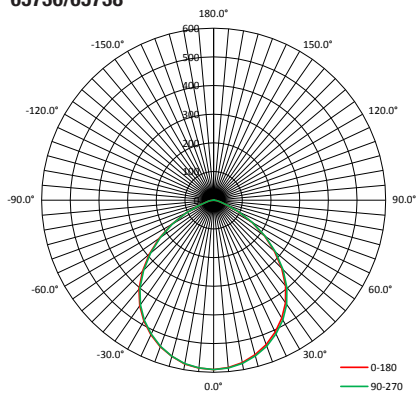


Photometric Information

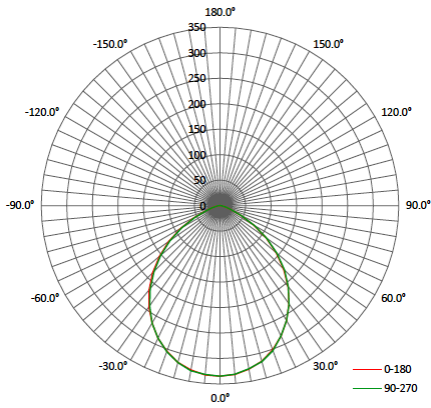
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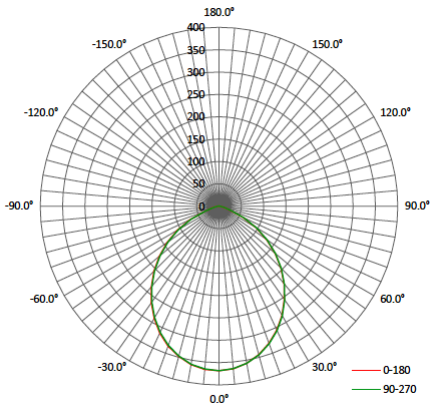
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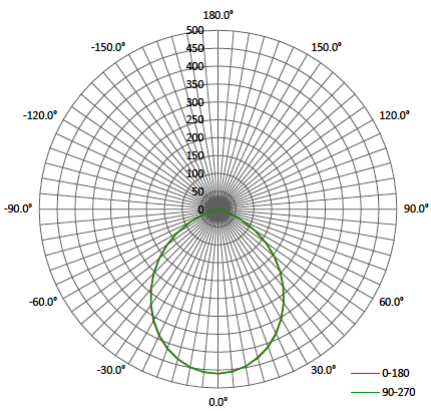
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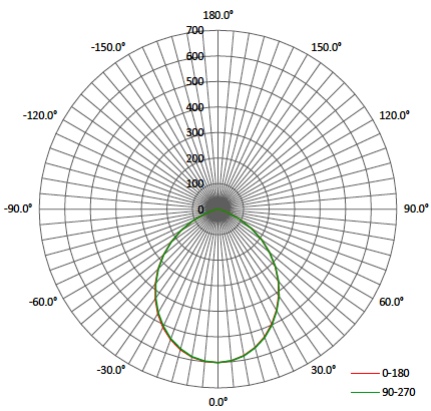
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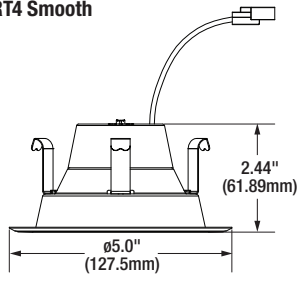


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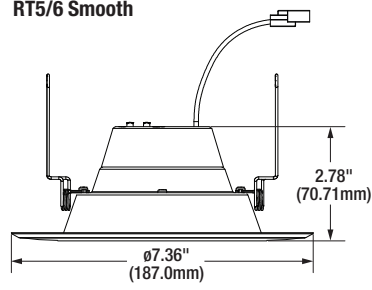


Physical Information

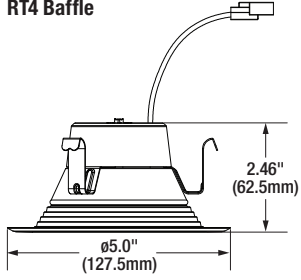
RT4 Smooth



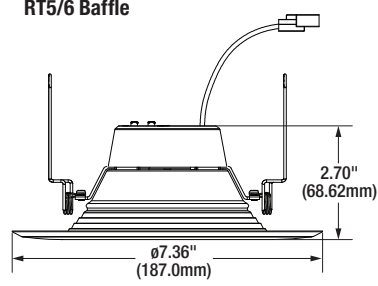
RT5/6 Smooth



RT4 Baffle

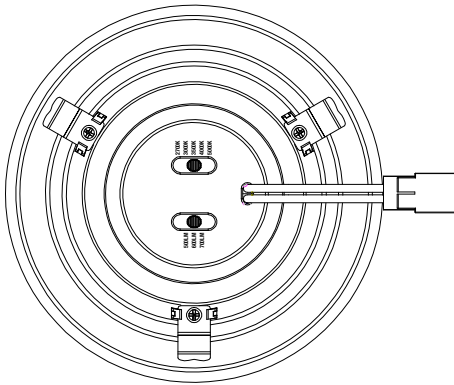


RT5/6 Baffle

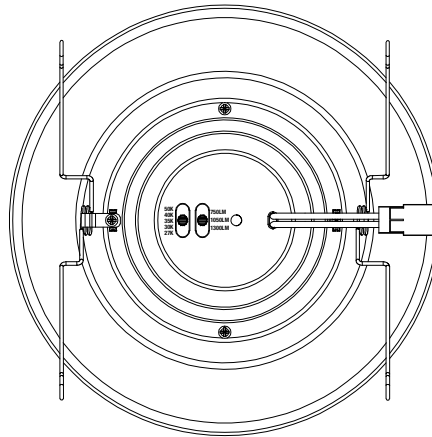


Dual Selectable Switches

RT4

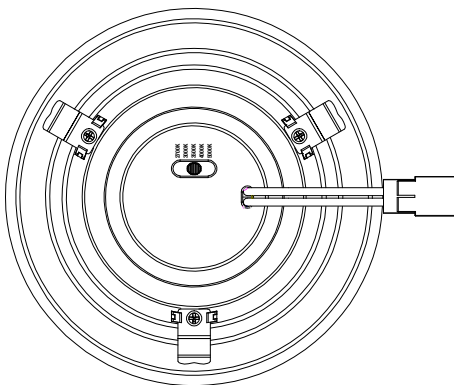


RT5/6

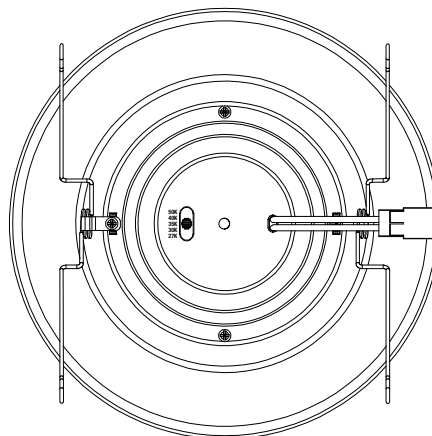


CCT Selectable Switches

RT4



RT5/6

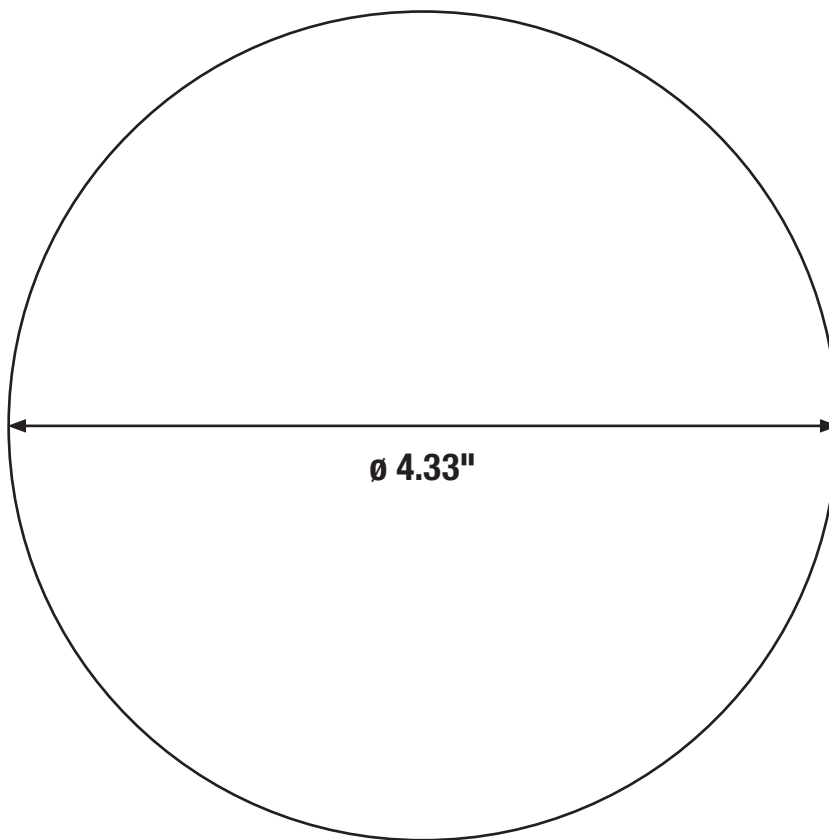


Installation

- Operating temperature range between -4°F and 104°F (-20°C and 40°C).
- Suitable for indoor and outdoor 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.

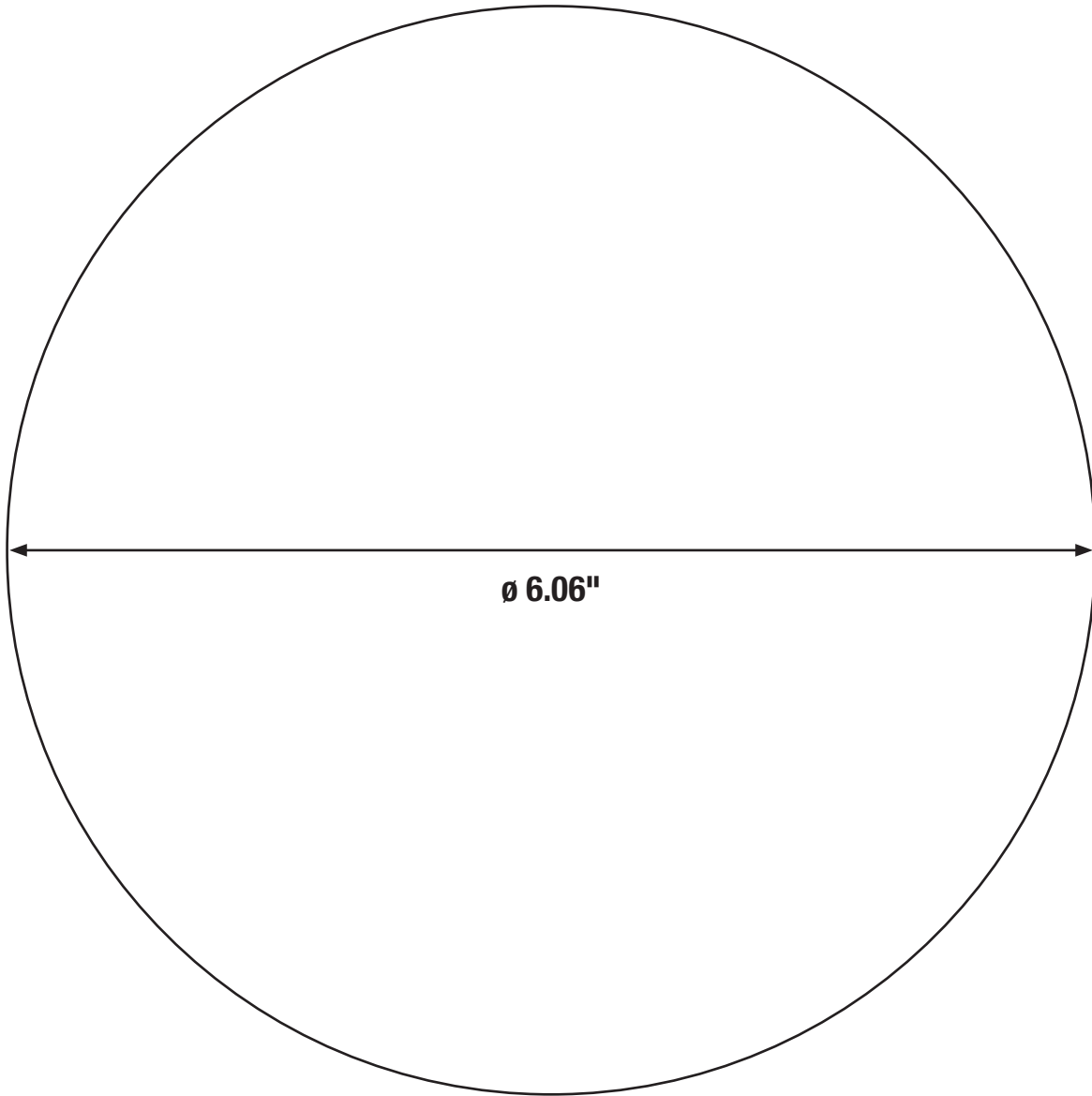
Hole Cut Templates

RT4 Hole Cut Template



Hole Cut Templates

RT6 Hole Cut Template



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