

SYLVANIA Luminaire

Hi-PerformanceLED™ RT Screw-based Smooth and Baffle 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 500, 600, 650 and 675 lumens
 - RT5/6 with 700, 725, 900 and 1200 lumens
- Complete product mix with all color temperatures available: 2700K, 3000K, 3500K, 4000K and 5000K
- Replacement for up to 100W incandescent lamps
- Integrated white trim, smooth or 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
- Phase-Cut Dimmable
- Available beam angle: 110°

Electrical

- 120V_{AC}

Rated Life

- 50,000 hours (L₇₀)

Warranty

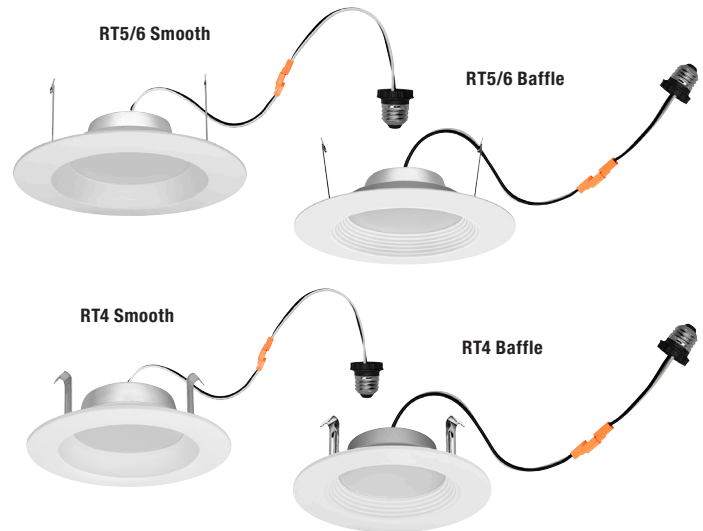
- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

Certifications and Listings

- UL
- ENERGY STAR®
- Compliant with CEC Title 20 Efficiency Standards
- CEC Title 24 JA8 Listed (except 5000K)



Wattage Comparison

| Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings |
|---|----------------------------|--------------------|----------------|
| Smooth Reflector | | | |
| Incandescent | 50W | 9W | 84% |
| Incandescent | 65W | 10W | 84% |
| Incandescent | 75W | 13W | 84% |
| Incandescent | 100W | 16W | 84% |
| Baffle Reflector | | | |
| Incandescent | 65W | 8W | 86% |
| Incandescent | 65W | 8.5W | 86% |
| Incandescent | 75W | 10.5W | 86% |
| Incandescent | 100W | 14W | 86% |
| Smooth and Baffle Reflector (5 CCT Selectable) | | | |
| Incandescent | 55W | 6W | 89% |
| Incandescent | 65W | 8W | 88% |
| Incandescent | 65W | 9W | 86% |
| Incandescent | 75W | 11W | 85% |
| Incandescent | 100W | 14W | 86% |

Specifications and Certifications



Specification Data

| | |
|-------------|------|
| Catalog # | Type |
| Project | |
| Comments | |
| Prepared by | |

Ordering Guide

| LED | RTX | XXXX | 9 | XX | G2 | CEC | WO* |
|-----|--------------|--|---|---|----------------|------------------------|---------------|
| LED | RT4 RT5/6 | Lumens 600, 675, 700, 725, 900, 1200 | CRI 9 = 90 (Smooth) 9 = 92 (Baffle) | Color Temperature 27 = 2700K 30 = 3000K 40 = 4000K 50 = 5000K | 2nd Generation | CEC/Tier2 Compliant | WO = Web Only |

*WO items are sold in full case quantities.

Ordering Guide (5 CCT Selectable)

| LED | RTX | 9 | SC3 | XXXX | XX |
|-----|--------------|---------------|---|---------------------------------------|---|
| LED | RT4 RT5/6 | CRI 9 = 92 | Selectable Color Temperature 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K | Lumens 500, 650, 725, 900, 1200 | Reflector SM = Smooth BA = Baffle |

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 |
|-------------------------|-----------------------|-----------|------------|----------|-------------------|--------------------|-------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Smooth Reflector | | | | | | | | | | | | | | | |
| 74285 | LED/RT4/600/927 | 9 | E26 Medium | 50W | 120 | 50,000 | 2700K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74286 | LED/RT4/600/930 | 9 | E26 Medium | 50W | 120 | 50,000 | 3000K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74288 | LED/RT4/600/940 | 9 | E26 Medium | 50W | 120 | 50,000 | 4000K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74289 | LED/RT4/600/950 | 9 | E26 Medium | 50W | 120 | 50,000 | 5000K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | No |
| 74290 | LED/RT56/700/927 | 10 | E26 Medium | 65W | 120 | 50,000 | 2700K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74291 | LED/RT56/700/930 | 10 | E26 Medium | 65W | 120 | 50,000 | 3000K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74292 | LED/RT56/700/940 | 10 | E26 Medium | 65W | 120 | 50,000 | 4000K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74293 | LED/RT56/700/950 | 10 | E26 Medium | 65W | 120 | 50,000 | 5000K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | No |
| 74294 | LED/RT56/900/927 | 13 | E26 Medium | 75W | 120 | 50,000 | 2700K | 2 | 900 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74295 | LED/RT56/900/930 | 13 | E26 Medium | 75W | 120 | 50,000 | 3000K | 2 | 900 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 79750 | LED/RT56/1200/927 | 16 | E26 Medium | 100W | 120 | 50,000 | 2700K | 2 | 1200 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 79751 | LED/RT56/1200/930 | 16 | E26 Medium | 100W | 120 | 50,000 | 3000K | 2 | 1200 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 79753 | LED/RT56/1200/940 | 16 | E26 Medium | 100W | 120 | 50,000 | 4000K | 2 | 1200 | 90 | >90% | Frosted | Yes | Yes | Yes |

| 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 |
|--|-----------------------|-----------|-------------|----------|-------------------|--------------------|-------------------------------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Smooth Reflector (5 CCT Selectable) | | | | | | | | | | | | | | | |
| 62013 | LEDRT49SC3500SM | 6 | Screw based | 55W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 500 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62014 | LEDRT49SC3650SM | 8 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 650 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62015 | LEDRT569SC3725SM | 9 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 725 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62016 | LEDRT569SC3900SM | 11 | Screw based | 75W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 900 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62017 | LEDRT569SC31200SM | 14 | Screw based | 100W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 1200 | >90 | >90 | Frosted | Yes | Yes | Yes |

Ordering Information (continued)

| 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 |
|-------------------------|----------------------------|-----------|------------|----------|-------------------|--------------------|-------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Baffle Reflector | | | | | | | | | | | | | | | |
| 40624 | LED/RT4/675/927/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 2700K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40625 | LED/RT4/675/930/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 3000K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40626 | LED/RT4/675/940/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 4000K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40627 | LED/RT4/675/950/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 5000K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | No |
| 40628 | LED/RT5/6/725/927/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 2700K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40629 | LED/RT5/6/725/930/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 3000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 62024* | LED/RT5/6/725/930/G2/CECWO | 8.5 | E26 Medium | 65W | 120 | 50,000 | 3000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40630 | LED/RT5/6/725/940/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 4000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40631 | LED/RT5/6/725/950/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 5000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | No |
| 40632 | LED/RT5/6/900/927/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 2700K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40633 | LED/RT5/6/900/930/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 3000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 62025* | LED/RT5/6/900/930/G2/CECWO | 10.5 | E26 Medium | 75W | 120 | 50,000 | 3000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40634 | LED/RT5/6/900/940/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 4000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40635 | LED/RT5/6/900/950/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 5000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | No |
| 65122 | LED/RT5/6/1200/927/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 2700K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 65123 | LED/RT5/6/1200/930/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 3000K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 65124 | LED/RT5/6/1200/940/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 4000K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 65125 | LED/RT5/6/1200/950/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 5000K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | No |

*WO items are sold in full case quantities.

| 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 |
|--|-----------------------|-----------|-------------|----------|-------------------|--------------------|---------------------------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Baffle Reflector (5 CCT Selectable) | | | | | | | | | | | | | | | |
| 62008 | LEDRT49SC3500BA | 6 | Screw based | 55W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 500 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62009 | LEDRT49SC3650BA | 8 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 650 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62010 | LEDRT569SC3725BA | 9 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 725 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62011 | LEDRT569SC3900BA | 11 | Screw based | 75W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 900 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62012 | LEDRT569SC31200BA | 14 | Screw based | 100W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 1200 | >90 | >90 | Frosted | Yes | Yes | Yes |

Energy Savings

| Basic Product Description | LED Life (hrs) | LED Lumens | Similar Incandescent (hrs) | Incandescent Lumens | Watts Saved | Energy Savings* | LED Life vs Incandescent |
|---------------------------|----------------|------------|----------------------------|---------------------|-------------|-----------------|--------------------------|
| Smooth Reflector | | | | | | | |
| LED/RT4/600/9XX | 50,000 | 600 | 2000 | 640 | 41W | \$225 | 25X |
| LED/RT5/6/700/9XX | 50,000 | 700 | 2000 | 640 | 55W | \$302 | 25X |
| LED/RT5/6/900/9XX | 50,000 | 900 | 2000 | 1600 | 62W | \$341 | 25X |
| LED/RT5/6/1200/9XX | 50,000 | 1200 | 2000 | 1600 | 84W | \$462 | 25X |
| Baffle Reflector | | | | | | | |
| 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 |
| LED/RT5/6/1200/9XX/G2 | 50,000 | 1200 | 2000 | 1600 | 86W | \$360 | 25X |

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

Energy Savings (5 CCT Selectable)

| Basic Product Description | LED Life (hrs) | LED Lumens | Similar Incandescent (hrs) | Incandescent Lumens | Watts Saved | Energy Savings* | LED Life vs Incandescent |
|---------------------------|----------------|------------|----------------------------|---------------------|-------------|-----------------|--------------------------|
| Smooth Reflector | | | | | | | |
| LEDRT49SC3500SM | 50,000 | 500 | 2000 | 580 | 49W | \$270 | 25X |
| LEDRT49SC3650SM | 50,000 | 650 | 2000 | 680 | 57W | \$314 | 25X |
| LEDRT569SC3725SM | 50,000 | 725 | 2000 | 680 | 56W | \$308 | 25X |
| LEDRT569SC3900SM | 50,000 | 900 | 2000 | 780 | 64W | \$352 | 25X |
| LEDRT569SC31200SM | 50,000 | 1200 | 2000 | 1000 | 86W | \$473 | 25X |
| Baffle Reflector | | | | | | | |
| LEDRT49SC3500BA | 50,000 | 500 | 2000 | 580 | 49W | \$270 | 25X |
| LEDRT49SC3650BA | 50,000 | 650 | 2000 | 680 | 57W | \$314 | 25X |
| LEDRT569SC3725BA | 50,000 | 725 | 2000 | 680 | 56W | \$308 | 25X |
| LEDRT569SC3900BA | 50,000 | 900 | 2000 | 780 | 64W | \$352 | 25X |
| LEDRT569SC31200BA | 50,000 | 1200 | 2000 | 1000 | 86W | \$473 | 25X |

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

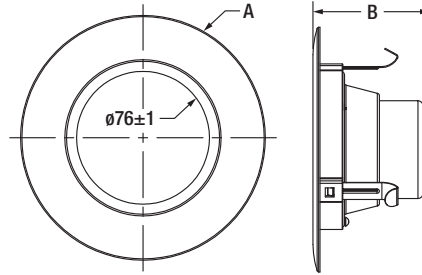
Physical Information

Smooth Reflector

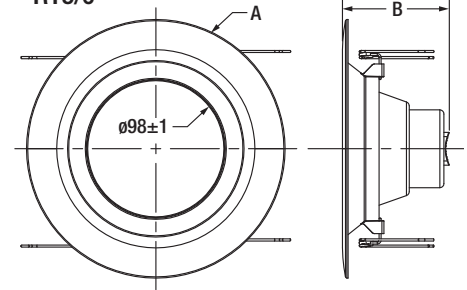
| Lamp Description | (A) Diameter in (mm) | (B) Height in (mm) |
|--------------------|----------------------|--------------------|
| LED/RT4/600/9XX | 5.51 (140) | 2.64 (67) |
| LED/RT5/6/700/9XX | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/900/9XX | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/1200/9XX | 7.32 (186) | 3.03 (77) |
| LEDRT49SC3500SM | 5.51 (140) | 2.64 (67) |
| LEDRT49SC3650SM | 5.51 (140) | 2.64 (67) |
| LEDRT569SC3725SM | 7.32 (186) | 3.03 (77) |
| LEDRT569SC3900SM | 7.32 (186) | 3.03 (77) |
| LEDRT569SC31200SM | 7.32 (186) | 3.03 (77) |

Smooth Reflector

RT4



RT5/6

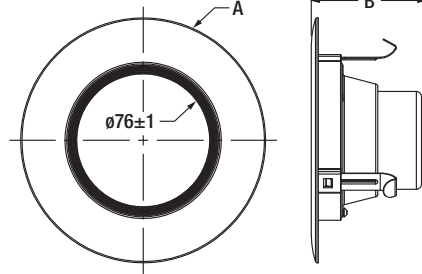


Baffle Reflector

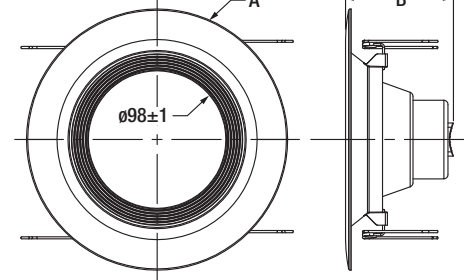
| Lamp Description | (A) Diameter in (mm) | (B) Height in (mm) |
|-----------------------|----------------------|--------------------|
| LED/RT4/675/9XX/G2 | 5.51 (140) | 2.64 (67) |
| LED/RT5/6/725/9XX/G2 | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/900/9XX/G2 | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/1200/9XX/G2 | 7.32 (186) | 3.03 (77) |
| LEDRT49SC3500BA | 5.51 (140) | 2.64 (67) |
| LEDRT49SC3650BA | 5.51 (140) | 2.64 (67) |
| LEDRT569SC3725BA | 7.32 (186) | 3.03 (77) |
| LEDRT569SC3900BA | 7.32 (186) | 3.03 (77) |
| LEDRT569SC31200BA | 7.32 (186) | 3.03 (77) |

Baffle Reflector

RT4



RT5/6



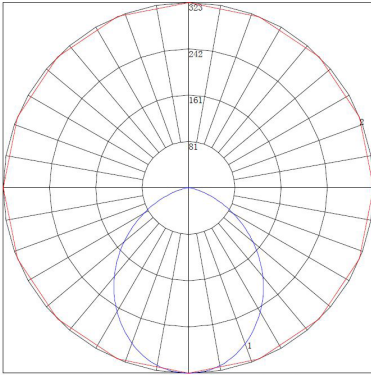
Installation

- Operating temperature range between -4°F and 104°F (-20°C and 40°C).
- Suitable for indoor and outdoor dry, damp and wet locations.
- Suitable for dimmers or in housings controlled by a dimmer.
- 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.

Photometric Data

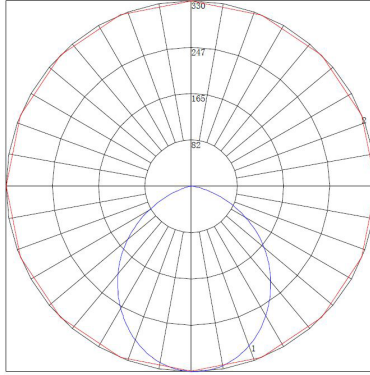
Smooth Reflector

RT4 600lm



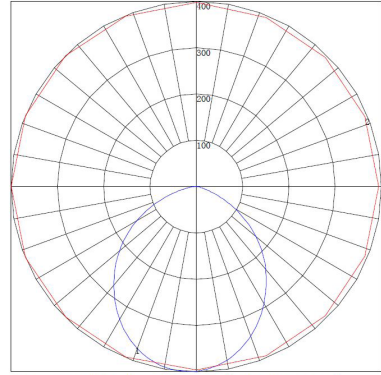
Maximum Candela = 322.82 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 700lm



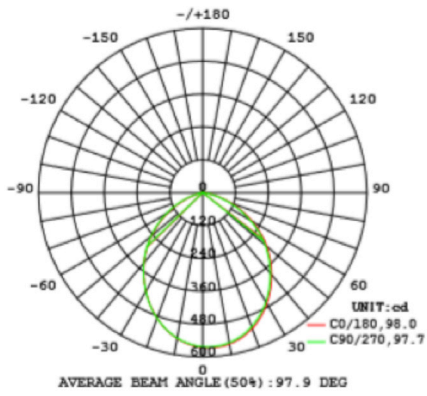
Maximum Candela = 329.6 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 900lm



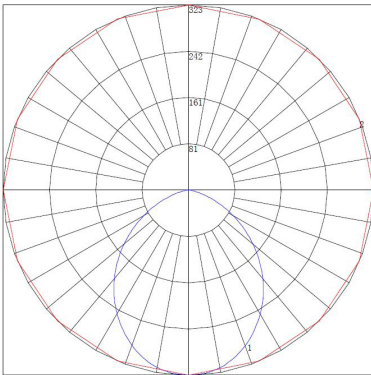
Maximum Candela = 400.13 Located At Horizontal Angle = 157.5, Vertical Angle = 4
 # 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)

RT5/6 1200lm



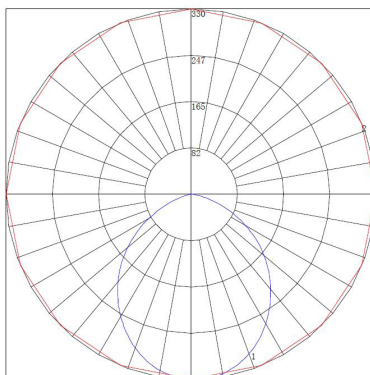
Baffle Reflector

RT4 675lm



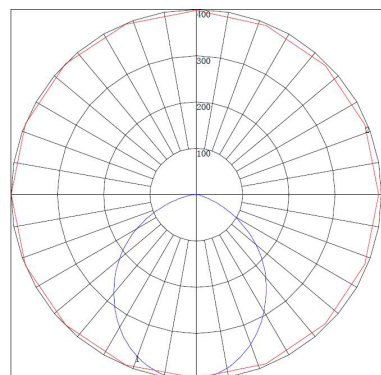
Maximum Candela = 322.82 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 725lm



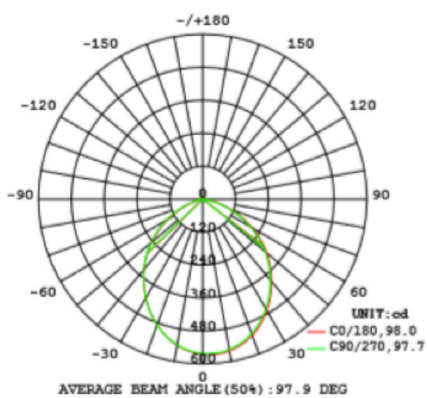
Maximum Candela = 329.6 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 900lm



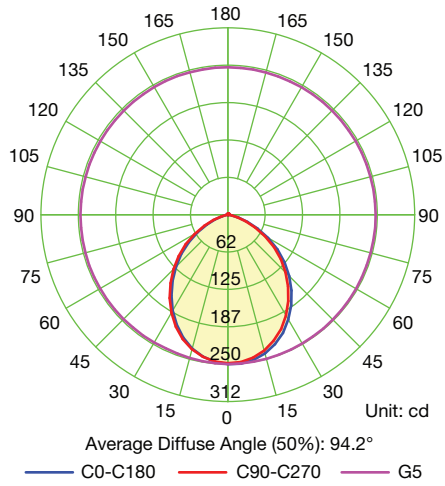
Maximum Candela = 400.13 Located At Horizontal Angle = 157.5, Vertical Angle = 4
 # 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)

RT5/6 1200lm

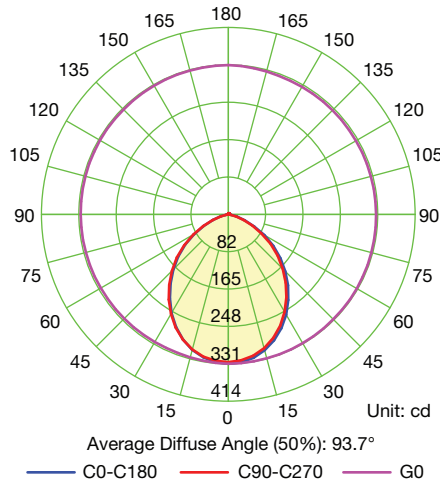


Photometric Data (5 CCT Selectable)

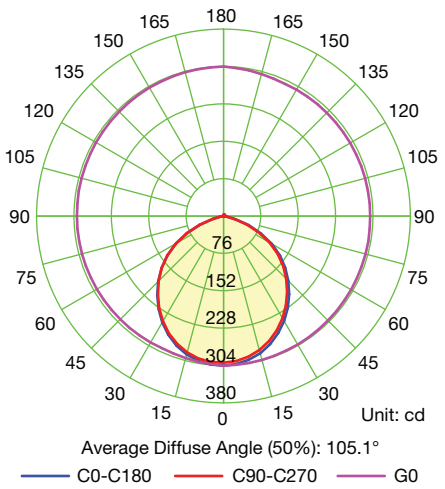
RT4 500lm



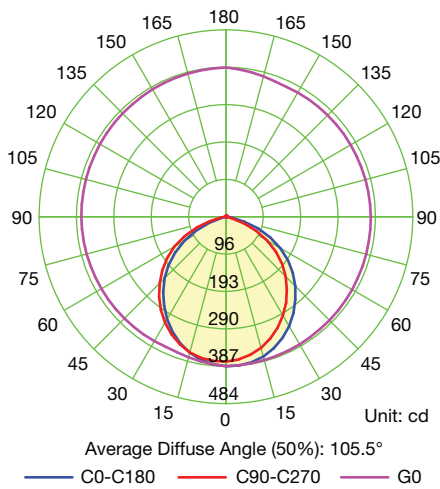
RT4 650lm



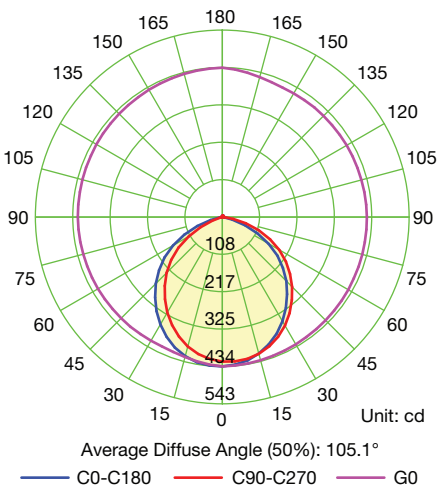
RT5/6 725lm



RT5/6 900lm



RT5/6 1200lm



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Specifications subject to change without notice.



SYLVANIA Luminaire

Hi-PerformanceLED™ RT Screw-based Smooth and Baffle 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 500, 600, 650 and 675 lumens
 - RT5/6 with 700, 725, 900 and 1200 lumens
- Complete product mix with all color temperatures available: 2700K, 3000K, 3500K, 4000K and 5000K
- Replacement for up to 100W incandescent lamps
- Integrated white trim, smooth or 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
- Phase-Cut Dimmable
- Available beam angle: 110°

Electrical

- 120V_{AC}

Rated Life

- 50,000 hours (L₇₀)

Warranty

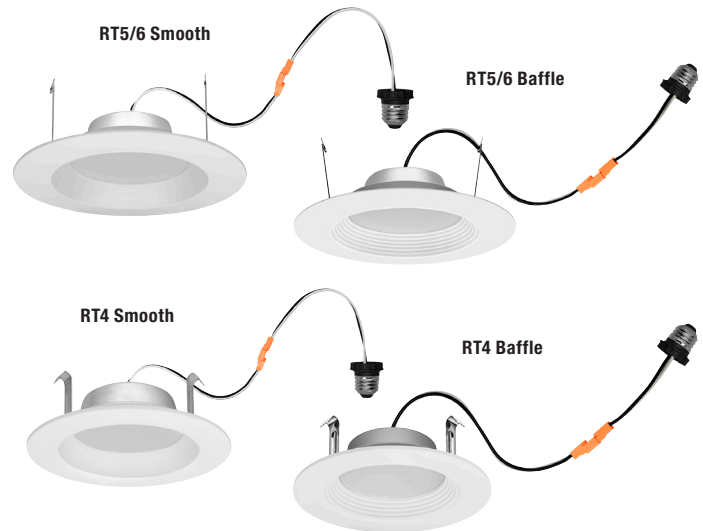
- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

Certifications and Listings

- UL
- ENERGY STAR®
- Compliant with CEC Title 20 Efficiency Standards
- CEC Title 24 JA8 Listed (except 5000K)



Wattage Comparison

| Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings |
|---|----------------------------|--------------------|----------------|
| Smooth Reflector | | | |
| Incandescent | 50W | 9W | 84% |
| Incandescent | 65W | 10W | 84% |
| Incandescent | 75W | 13W | 84% |
| Incandescent | 100W | 16W | 84% |
| Baffle Reflector | | | |
| Incandescent | 65W | 8W | 86% |
| Incandescent | 65W | 8.5W | 86% |
| Incandescent | 75W | 10.5W | 86% |
| Incandescent | 100W | 14W | 86% |
| Smooth and Baffle Reflector (5 CCT Selectable) | | | |
| Incandescent | 55W | 6W | 89% |
| Incandescent | 65W | 8W | 88% |
| Incandescent | 65W | 9W | 86% |
| Incandescent | 75W | 11W | 85% |
| Incandescent | 100W | 14W | 86% |

Specifications and Certifications



Specification Data

| | |
|-------------|------|
| Catalog # | Type |
| Project | |
| Comments | |
| Prepared by | |

Ordering Guide

| LED | RTX | XXXX | 9 | XX | G2 | CEC | WO* |
|-----|--------------|--|---|---|----------------|------------------------|---------------|
| LED | RT4 RT5/6 | Lumens 600, 675, 700, 725, 900, 1200 | CRI 9 = 90 (Smooth) 9 = 92 (Baffle) | Color Temperature 27 = 2700K 30 = 3000K 40 = 4000K 50 = 5000K | 2nd Generation | CEC/Tier2 Compliant | WO = Web Only |

*WO items are sold in full case quantities.

Ordering Guide (5 CCT Selectable)

| LED | RTX | 9 | SC3 | XXXX | XX |
|-----|--------------|---------------|---|---------------------------------------|---|
| LED | RT4 RT5/6 | CRI 9 = 92 | Selectable Color Temperature 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K | Lumens 500, 650, 725, 900, 1200 | Reflector SM = Smooth BA = Baffle |

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 |
|-------------------------|-----------------------|-----------|------------|----------|-------------------|--------------------|-------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Smooth Reflector | | | | | | | | | | | | | | | |
| 74285 | LED/RT4/600/927 | 9 | E26 Medium | 50W | 120 | 50,000 | 2700K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74286 | LED/RT4/600/930 | 9 | E26 Medium | 50W | 120 | 50,000 | 3000K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74288 | LED/RT4/600/940 | 9 | E26 Medium | 50W | 120 | 50,000 | 4000K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74289 | LED/RT4/600/950 | 9 | E26 Medium | 50W | 120 | 50,000 | 5000K | 2 | 600 | 90 | >90% | Frosted | Yes | Yes | No |
| 74290 | LED/RT56/700/927 | 10 | E26 Medium | 65W | 120 | 50,000 | 2700K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74291 | LED/RT56/700/930 | 10 | E26 Medium | 65W | 120 | 50,000 | 3000K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74292 | LED/RT56/700/940 | 10 | E26 Medium | 65W | 120 | 50,000 | 4000K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74293 | LED/RT56/700/950 | 10 | E26 Medium | 65W | 120 | 50,000 | 5000K | 2 | 700 | 90 | >90% | Frosted | Yes | Yes | No |
| 74294 | LED/RT56/900/927 | 13 | E26 Medium | 75W | 120 | 50,000 | 2700K | 2 | 900 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 74295 | LED/RT56/900/930 | 13 | E26 Medium | 75W | 120 | 50,000 | 3000K | 2 | 900 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 79750 | LED/RT56/1200/927 | 16 | E26 Medium | 100W | 120 | 50,000 | 2700K | 2 | 1200 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 79751 | LED/RT56/1200/930 | 16 | E26 Medium | 100W | 120 | 50,000 | 3000K | 2 | 1200 | 90 | >90% | Frosted | Yes | Yes | Yes |
| 79753 | LED/RT56/1200/940 | 16 | E26 Medium | 100W | 120 | 50,000 | 4000K | 2 | 1200 | 90 | >90% | Frosted | Yes | Yes | Yes |

| 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 |
|--|-----------------------|-----------|-------------|----------|-------------------|--------------------|-------------------------------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Smooth Reflector (5 CCT Selectable) | | | | | | | | | | | | | | | |
| 62013 | LEDRT49SC3500SM | 6 | Screw based | 55W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 500 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62014 | LEDRT49SC3650SM | 8 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 650 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62015 | LEDRT569SC3725SM | 9 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 725 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62016 | LEDRT569SC3900SM | 11 | Screw based | 75W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 900 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62017 | LEDRT569SC31200SM | 14 | Screw based | 100W | 120 | 50,000 | 2700/3000/3500/ 4000/5000K | 4 | 1200 | >90 | >90 | Frosted | Yes | Yes | Yes |

Ordering Information (continued)

| 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 |
|-------------------------|----------------------------|-----------|------------|----------|-------------------|--------------------|-------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Baffle Reflector | | | | | | | | | | | | | | | |
| 40624 | LED/RT4/675/927/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 2700K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40625 | LED/RT4/675/930/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 3000K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40626 | LED/RT4/675/940/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 4000K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40627 | LED/RT4/675/950/G2/CEC | 8 | E26 Medium | 65W | 120 | 50,000 | 5000K | 4 | 675 | 92 | >90% | Frosted | Yes | Yes | No |
| 40628 | LED/RT5/6/725/927/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 2700K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40629 | LED/RT5/6/725/930/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 3000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 62024* | LED/RT5/6/725/930/G2/CECWO | 8.5 | E26 Medium | 65W | 120 | 50,000 | 3000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40630 | LED/RT5/6/725/940/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 4000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40631 | LED/RT5/6/725/950/G2/CEC | 8.5 | E26 Medium | 65W | 120 | 50,000 | 5000K | 4 | 725 | 92 | >90% | Frosted | Yes | Yes | No |
| 40632 | LED/RT5/6/900/927/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 2700K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40633 | LED/RT5/6/900/930/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 3000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 62025* | LED/RT5/6/900/930/G2/CECWO | 10.5 | E26 Medium | 75W | 120 | 50,000 | 3000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40634 | LED/RT5/6/900/940/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 4000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 40635 | LED/RT5/6/900/950/G2/CEC | 10.5 | E26 Medium | 75W | 120 | 50,000 | 5000K | 4 | 900 | 92 | >90% | Frosted | Yes | Yes | No |
| 65122 | LED/RT5/6/1200/927/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 2700K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 65123 | LED/RT5/6/1200/930/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 3000K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 65124 | LED/RT5/6/1200/940/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 4000K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | Yes |
| 65125 | LED/RT5/6/1200/950/G2/CEC | 14 | E26 Medium | 100W | 120 | 50,000 | 5000K | 4 | 1200 | 92 | >90% | Frosted | Yes | Yes | No |

*WO items are sold in full case quantities.

| 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 |
|--|-----------------------|-----------|-------------|----------|-------------------|--------------------|---------------------------|----------|---------------------|-----|--------------|-------------|--------------|-----|-----|
| Baffle Reflector (5 CCT Selectable) | | | | | | | | | | | | | | | |
| 62008 | LEDRT49SC3500BA | 6 | Screw based | 55W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 500 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62009 | LEDRT49SC3650BA | 8 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 650 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62010 | LEDRT569SC3725BA | 9 | Screw based | 65W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 725 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62011 | LEDRT569SC3900BA | 11 | Screw based | 75W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 900 | >90 | >90 | Frosted | Yes | Yes | Yes |
| 62012 | LEDRT569SC31200BA | 14 | Screw based | 100W | 120 | 50,000 | 2700/3000/3500/4000/5000K | 4 | 1200 | >90 | >90 | Frosted | Yes | Yes | Yes |

Energy Savings

| Basic Product Description | LED Life (hrs) | LED Lumens | Similar Incandescent (hrs) | Incandescent Lumens | Watts Saved | Energy Savings* | LED Life vs Incandescent |
|---------------------------|----------------|------------|----------------------------|---------------------|-------------|-----------------|--------------------------|
| Smooth Reflector | | | | | | | |
| LED/RT4/600/9XX | 50,000 | 600 | 2000 | 640 | 41W | \$225 | 25X |
| LED/RT5/6/700/9XX | 50,000 | 700 | 2000 | 640 | 55W | \$302 | 25X |
| LED/RT5/6/900/9XX | 50,000 | 900 | 2000 | 1600 | 62W | \$341 | 25X |
| LED/RT5/6/1200/9XX | 50,000 | 1200 | 2000 | 1600 | 84W | \$462 | 25X |
| Baffle Reflector | | | | | | | |
| 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 |
| LED/RT5/6/1200/9XX/G2 | 50,000 | 1200 | 2000 | 1600 | 86W | \$360 | 25X |

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

Energy Savings (5 CCT Selectable)

| Basic Product Description | LED Life (hrs) | LED Lumens | Similar Incandescent (hrs) | Incandescent Lumens | Watts Saved | Energy Savings* | LED Life vs Incandescent |
|---------------------------|----------------|------------|----------------------------|---------------------|-------------|-----------------|--------------------------|
| Smooth Reflector | | | | | | | |
| LEDRT49SC3500SM | 50,000 | 500 | 2000 | 580 | 49W | \$270 | 25X |
| LEDRT49SC3650SM | 50,000 | 650 | 2000 | 680 | 57W | \$314 | 25X |
| LEDRT569SC3725SM | 50,000 | 725 | 2000 | 680 | 56W | \$308 | 25X |
| LEDRT569SC3900SM | 50,000 | 900 | 2000 | 780 | 64W | \$352 | 25X |
| LEDRT569SC31200SM | 50,000 | 1200 | 2000 | 1000 | 86W | \$473 | 25X |
| Baffle Reflector | | | | | | | |
| LEDRT49SC3500BA | 50,000 | 500 | 2000 | 580 | 49W | \$270 | 25X |
| LEDRT49SC3650BA | 50,000 | 650 | 2000 | 680 | 57W | \$314 | 25X |
| LEDRT569SC3725BA | 50,000 | 725 | 2000 | 680 | 56W | \$308 | 25X |
| LEDRT569SC3900BA | 50,000 | 900 | 2000 | 780 | 64W | \$352 | 25X |
| LEDRT569SC31200BA | 50,000 | 1200 | 2000 | 1000 | 86W | \$473 | 25X |

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

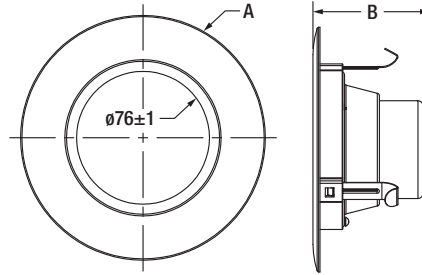
Physical Information

Smooth Reflector

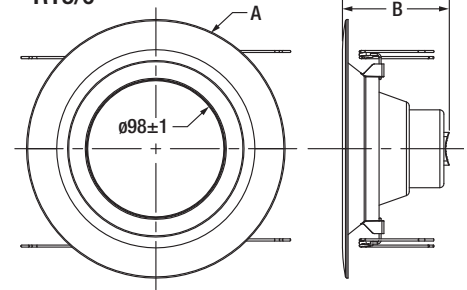
| Lamp Description | (A) Diameter in (mm) | (B) Height in (mm) |
|--------------------|----------------------|--------------------|
| LED/RT4/600/9XX | 5.51 (140) | 2.64 (67) |
| LED/RT5/6/700/9XX | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/900/9XX | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/1200/9XX | 7.32 (186) | 3.03 (77) |
| LEDRT49SC3500SM | 5.51 (140) | 2.64 (67) |
| LEDRT49SC3650SM | 5.51 (140) | 2.64 (67) |
| LEDRT569SC3725SM | 7.32 (186) | 3.03 (77) |
| LEDRT569SC3900SM | 7.32 (186) | 3.03 (77) |
| LEDRT569SC31200SM | 7.32 (186) | 3.03 (77) |

Smooth Reflector

RT4



RT5/6

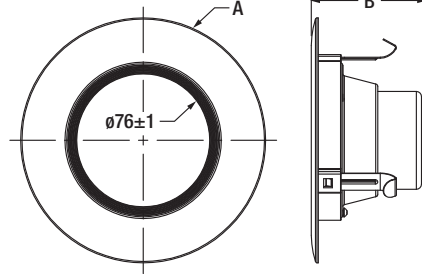


Baffle Reflector

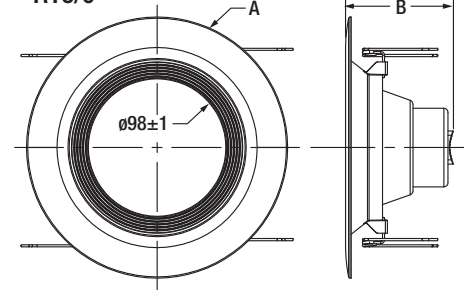
| Lamp Description | (A) Diameter in (mm) | (B) Height in (mm) |
|-----------------------|----------------------|--------------------|
| LED/RT4/675/9XX/G2 | 5.51 (140) | 2.64 (67) |
| LED/RT5/6/725/9XX/G2 | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/900/9XX/G2 | 7.32 (186) | 3.03 (77) |
| LED/RT5/6/1200/9XX/G2 | 7.32 (186) | 3.03 (77) |
| LEDRT49SC3500BA | 5.51 (140) | 2.64 (67) |
| LEDRT49SC3650BA | 5.51 (140) | 2.64 (67) |
| LEDRT569SC3725BA | 7.32 (186) | 3.03 (77) |
| LEDRT569SC3900BA | 7.32 (186) | 3.03 (77) |
| LEDRT569SC31200BA | 7.32 (186) | 3.03 (77) |

Baffle Reflector

RT4



RT5/6



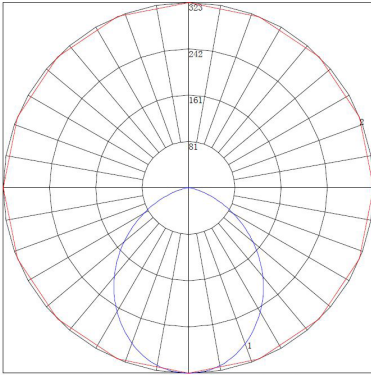
Installation

- Operating temperature range between -4°F and 104°F (-20°C and 40°C).
- Suitable for indoor and outdoor dry, damp and wet locations.
- Suitable for dimmers or in housings controlled by a dimmer.
- 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.

Photometric Data

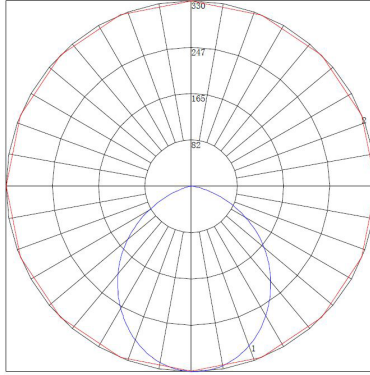
Smooth Reflector

RT4 600lm



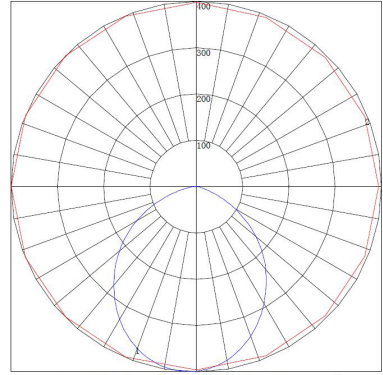
Maximum Candela = 322.82 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 700lm



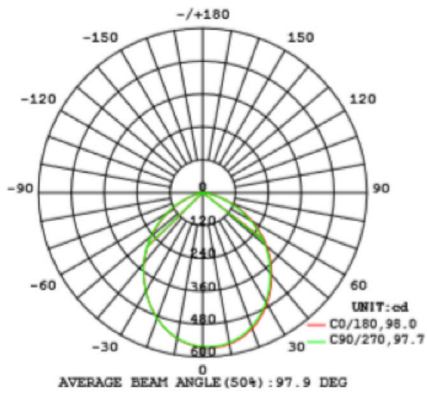
Maximum Candela = 329.6 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 900lm



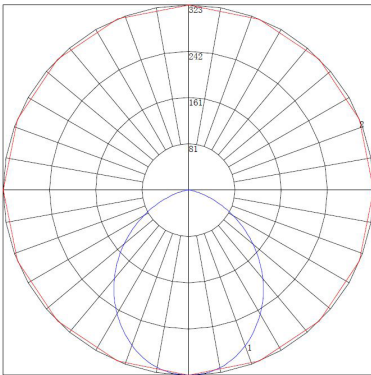
Maximum Candela = 400.13 Located At Horizontal Angle = 157.5, Vertical Angle = 4
 # 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)

RT5/6 1200lm



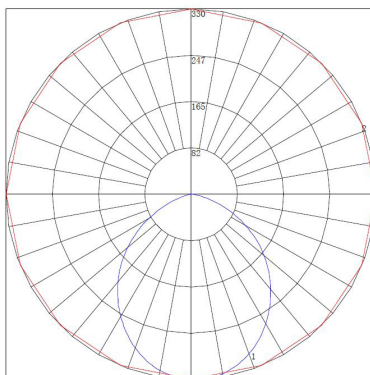
Baffle Reflector

RT4 675lm



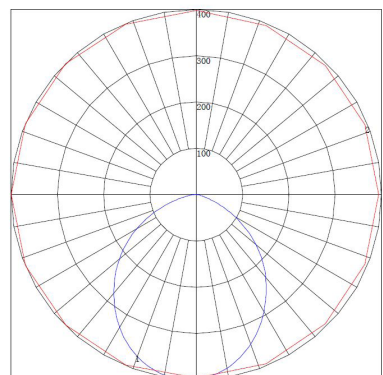
Maximum Candela = 322.82 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 725lm



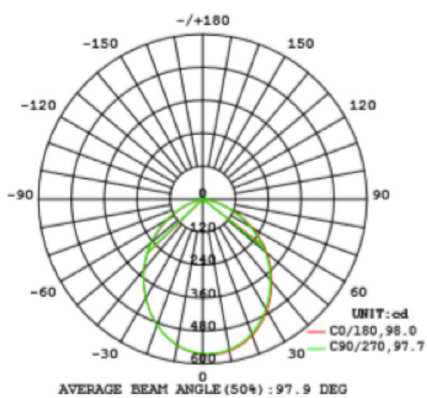
Maximum Candela = 329.6 Located At Horizontal Angle = 90, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

RT5/6 900lm



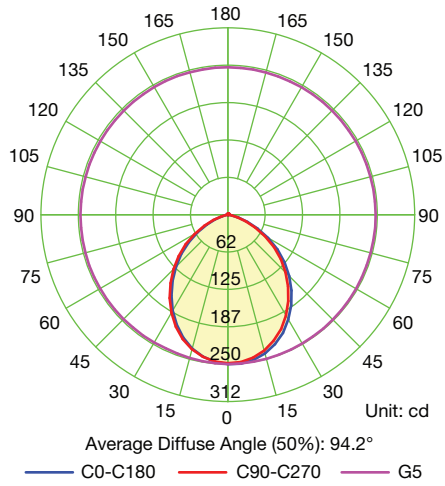
Maximum Candela = 400.13 Located At Horizontal Angle = 157.5, Vertical Angle = 4
 # 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)

RT5/6 1200lm

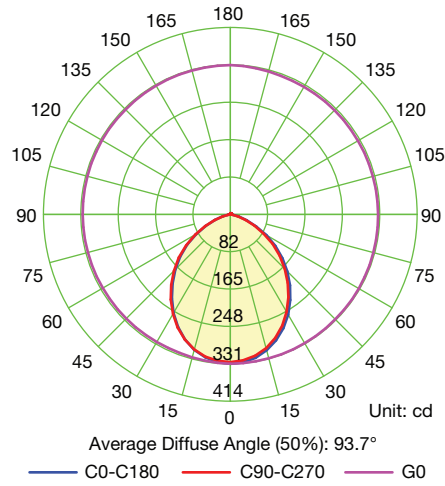


Photometric Data (5 CCT Selectable)

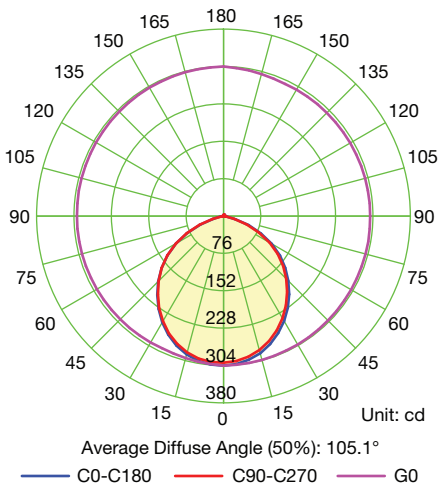
RT4 500lm



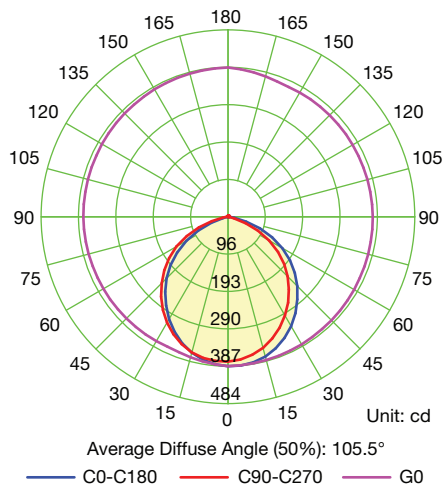
RT4 650lm



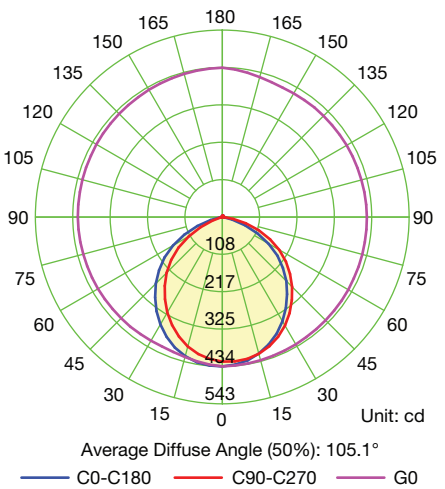
RT5/6 725lm



RT5/6 900lm



RT5/6 1200lm



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