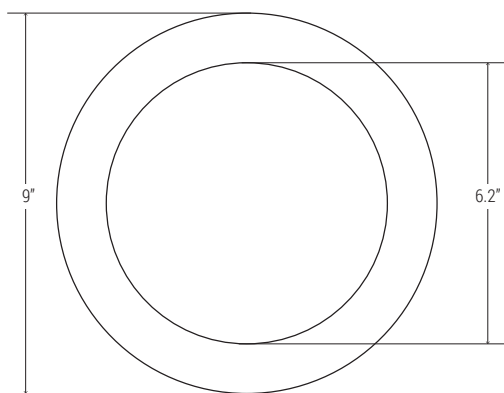
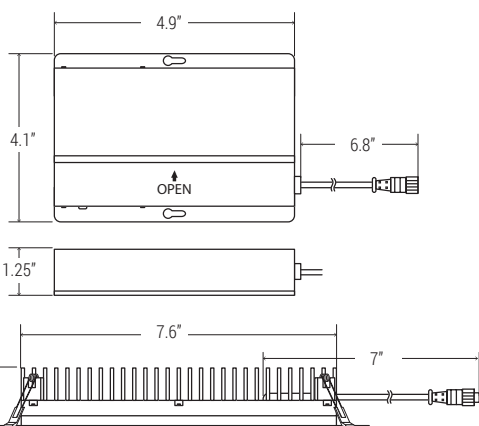




| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
|----------------|------------------|---------|
| 2200           | 2590             | 28W     |

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

#### INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. The width in ceiling needed for the driver to fit is 3".

You MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.

#### FEATURES

8" round LED "Slim Disk" engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Recessed housing not required, especially with limited plenum applications. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

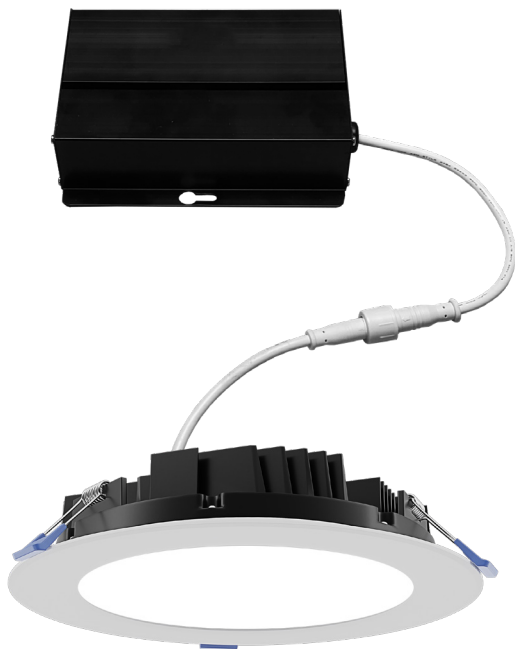
|                   |                                                        |
|-------------------|--------------------------------------------------------|
| LUMENS            | 2200                                                   |
| CCT               | 27K, 30K, 35K, 40K, 50K                                |
| CRI               | 90+                                                    |
| COLOR QUALITY     | 3-Step MacAdam Ellipse                                 |
| CONSTRUCTION      | Aluminum die-cast body and trim                        |
| TRIM OPTION       | Round Flat Lens                                        |
| TRIM COLORS       | WH (White) , BK(Black) , SN( Satin Nickel)             |
| DIMMING           | DIMTR (Triac)                                          |
| EMERGENCY         | 30W high voltage inverter or higher (IIS-35) ( remote) |
| LIFETIME          | L70 at 50,000 Hours                                    |
| PHOTOMETRIC TESTS | In Accordance with IES LM79-08, LM80 and TM-30, TM-21  |

- IC-rated and Air-Tight ready and may be in direct contact with insulation.
- Can be installed in shallow plenum spaces.
- May be installed in drywall or suspended ceilings.
- Flicker-free 120V forward-phase Triac dimming down to 5%.
- Ideal when ceiling or top access is unavailable.

## SLIM TRIM

## TRIM RINGS

## ACCESSORIES



**RL875-RT-BK**  
(Black)



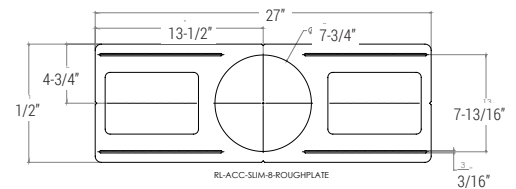
**RL875-RT-SN**  
(Satin Nickel)



**RL-ACC-SLIM-1-10F**  
10-ft long extension



**RL-ACC-SLIM-1-20F**  
20-ft long extension



**RL-ACC-SLIM-8-ROUGHPLATE**  
Rough-in plate for use with 8" downlights

EXAMPLE:  
**RL875-2200L-DIMTR-120-30K-90-WH**

| TYPE  | LUMEN                                    | CCT                                                                                                                                                          | CRI                          | FINISH                              |
|-------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------|
| RL875 | <input type="checkbox"/> 2200L-DIMTR-120 | <input type="checkbox"/> 27K<br><input type="checkbox"/> 30K<br><input type="checkbox"/> 35K<br><input type="checkbox"/> 40K<br><input type="checkbox"/> 50K | <input type="checkbox"/> 90+ | <input type="checkbox"/> WH - White |

**RL875-RT-BK**

| ACCESSORIES                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>RL875-RT-BK</b> - Black<br><input type="checkbox"/> <b>RL875-RT-SN</b> - Satin Nickel |

**RL-ACC-SLIM-1-10F**

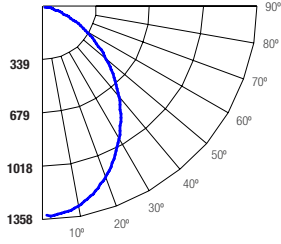
| OPTIONS                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>RL-ACC-SLIM-1-10F</b> - 10ft Long Extension<br><input type="checkbox"/> <b>RL-ACC-SLIM-1-20F</b> - 20ft Long Extension<br><input type="checkbox"/> <b>RL-ACC-SLIM-8-ROUGHPLATE</b> - 8" Mounting Plate |

**RL875-2200L-DIMTR-120-40K-90-WH**

TEST NO.: **EL082019123**

INPUT WATTS: **28.3451** LUMENS: **2590** CRI: **90** EFFICACY: **91** CCT: **4000K** SPACING CRITERIA: **1.20**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 478.80  | 18.50 | 18.50 |
| 0-30 | 975.92  | 37.70 | 37.70 |
| 0-40 | 1517.05 | 58.60 | 58.60 |
| 0-60 | 2360.67 | 91.20 | 91.20 |
| 0-80 | 2587.77 | 99.90 | 99.90 |
| 0-90 | 2587.9  | 99.90 | 99.90 |

**Luminance (Average candela/M<sup>2</sup>)**

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 17036      | 17171       | 17758       |
| 55               | 12918      | 13190       | 13956       |
| 65               | 7663       | 8118        | 9096        |
| 75               | 1812       | 2195        | 3005        |
| 85               | 11         | 11          | 9           |

**Lumens Per Zone**

| Zone  | Lumens |
|-------|--------|
| 0-10  | 127.21 |
| 10-20 | 351.58 |
| 20-30 | 497.13 |
| 30-40 | 541.13 |
| 40-50 | 487.07 |
| 50-60 | 356.55 |
| 60-70 | 185.77 |
| 70-80 | 41.32  |
| 80-90 | 0.12   |

**Candela Tabulation**

| θ  |         |
|----|---------|
| 0  | 1354.43 |
| 5  | 1339.56 |
| 15 | 1235.98 |
| 25 | 1060.90 |
| 35 | 841.94  |
| 45 | 605.86  |
| 55 | 372.65  |
| 65 | 162.88  |
| 75 | 23.59   |
| 85 | 0.05    |
| 90 | 0.06    |

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

| Cone of Light          |                                  |                        |                         |
|------------------------|----------------------------------|------------------------|-------------------------|
| 2                      | 339                              | 3.7                    | 3.7                     |
| 4                      | 84.7                             | 7.5                    | 7.5                     |
| 6                      | 37.6                             | 11.2                   | 11.2                    |
| 8                      | 21.2                             | 15                     | 14.9                    |
| 10                     | 13.5                             | 18.7                   | 18.6                    |
| 12                     | 9.41                             | 22.5                   | 22.4                    |
| (FT) Distance to Plane | (FC) Initial Footcandle at Nadir | (FT) Beam Vert. Spread | (FT) Beam Horiz. Spread |

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

|                   | RC | 80% |     |     |     | 70% |     |     |     | 50% |     |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   | RW | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0%  |    |
| ROOM CAVITY RATIO | 0  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 |     | 106 | 106 |     | 102 | 102 | 102 | 100 |    |
|                   | 1  | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99  | 101 | 99  | 96  | 97  | 95  | 93  | 94  | 92  | 91  | 89  |    |
|                   | 2  | 103 | 96  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 86  | 83  | 88  | 84  | 81  | 85  | 82  | 79  | 77  |    |
|                   | 3  | 95  | 86  | 79  | 74  | 93  | 85  | 78  | 73  | 82  | 76  | 72  | 79  | 74  | 71  | 77  | 73  | 69  | 67  |    |
|                   | 4  | 88  | 77  | 70  | 64  | 86  | 76  | 69  | 64  | 74  | 68  | 63  | 72  | 66  | 62  | 70  | 65  | 61  | 59  |    |
|                   | 5  | 81  | 70  | 62  | 56  | 79  | 69  | 62  | 56  | 67  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 54  | 52  |    |
|                   | 6  | 76  | 64  | 56  | 50  | 74  | 63  | 55  | 50  | 61  | 54  | 49  | 60  | 54  | 49  | 58  | 53  | 49  | 47  |    |
|                   | 7  | 71  | 58  | 50  | 45  | 69  | 58  | 50  | 45  | 56  | 49  | 44  | 55  | 49  | 44  | 53  | 48  | 44  | 42  |    |
|                   | 8  | 66  | 54  | 46  | 40  | 64  | 53  | 46  | 40  | 52  | 45  | 40  | 50  | 44  | 40  | 49  | 44  | 40  | 38  |    |
|                   | 9  | 62  | 49  | 42  | 37  | 61  | 49  | 42  | 37  | 48  | 41  | 37  | 47  | 41  | 36  | 46  | 40  | 36  | 34  |    |
| 10                | 58 | 46  | 39  | 34  | 57  | 45  | 38  | 34  | 44  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 32  |     |    |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance