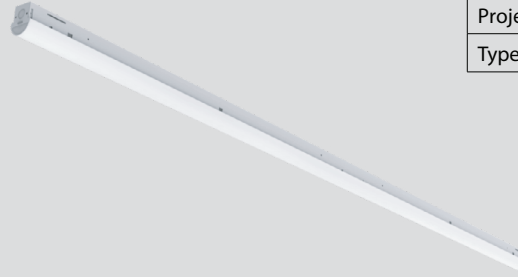| Client: | |
|---|---|
| Order #: | |
| Project: | |
| Type: | |

## DESCRIPTION

The RSS Ultra Slim LED Strip fixture features an architectural design, providing a sleek lighting solution for various settings. Tailored for commercial, industrial, institutional, and retail spaces, this luminaire series is specifically crafted to illuminate storage/utility areas, coves, display cases, shops, task areas, and general spaces.

## PERFORMANCE DATA

**CRI**

80+

**CCT**

3500K, 4000K, 5000K

**Projected Lifetime**

>196,000 Hours (L70)
>60,000 Hours (L90)

**Dimming**

0-10V Dimming Standard,
10% down to 100%

**Operating Temperature**

-20°C to +50°C Ambient

**Warranty**

5 year Standard
10 year Optional

## FEATURES

• Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) color temperatures.

• Long-life LEDs provide 196,000 hours of operation with at least 70% of initial lumen output (L70), and 60,000 hours with at least 90% of initial lumen output (L90).

• LED chromaticity based on < 4-step ANSI quadrangles.

• LED color maintenance < 0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.

• RSS/4 provides a range of 3,500 to 5,000 nominal lumens. RSS/8 provides a range of 7,000 to 10,000 nominal lumens.

• Easy installation in new construction or retrofit.

• Universal 120-277 AC voltage (50-60Hz) is standard.

• 0-10vdc dimming drivers are standard.

• Power factor > 0.90.

• Total harmonic distortion < 20%.

• Color rendering index > 80.

• Steel housing and PMMA lens.

• Optional emergency drivers and occupancy sensors are available.

## ORDERING INFORMATION

| RSS | | | | | | | |
|---|---|---|---|---|---|---|---|
| | B | C | D | E | F | G | H |

| A | FIXTURE SERIES | |
|---|---|---|
| | RSS | Ultra Slim LED Strip |
| **B** | **LENGTH** | |
| | 4 | c |
| | 8 | 8' |
| **C** | **WATTAGE/LUMENS (4')** | |
| | 25 | 25W/3590[1] |
| | 30 | 30W/4258[1] |
| | 35 | 35W/4804[1] |
| | **WATTAGE/LUMENS (8')** | |
| | 50 | 50W/7207[1] |
| | 60 | 60W/8440[1] |
| | 70 | 70W/9483[1] |

| D | CCT | |
|---|---|---|
| | 35 | 3500K |
| | 40 | 4000K |
| | 50 | 5000K |
| **E** | **VOLTAGE** | |
| | UNV | 120-277V |
| **F** | **FINISH** | |
| | WH | White |

| G | OPTIONS | |
|---|---|---|
| | EM | Emergency |
| | M | Motion Sensor |
| **H** | **WARRANTY[2]** | |
| | - | 5 Year Warranty |
| | 10 | 10 Year Warranty |
| | 10L | 10 Year Warranty including labor |

[1] Delivered Lumens (5000K)
[2] 5 Year Warranty is Standard unless specified

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## DIMENSIONS

RSS/4:

47.3″
2.8″
2.65″

47.3″
2.8″
2.36″

RSS/8:

94.2″
2.65″ 2.8″

94.2″
2.36″ 2.8″
2.36″
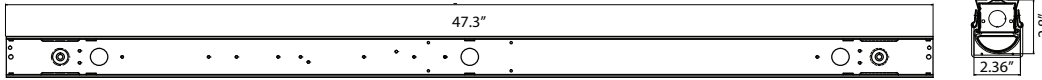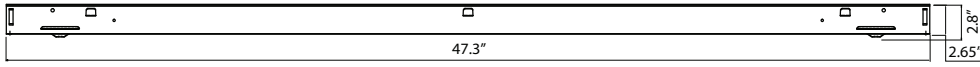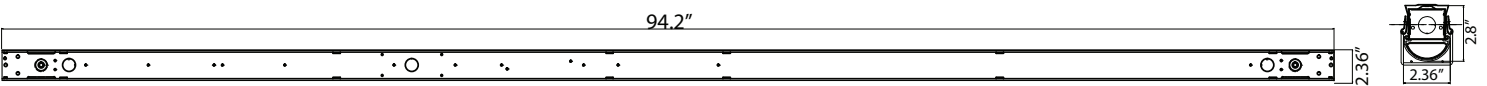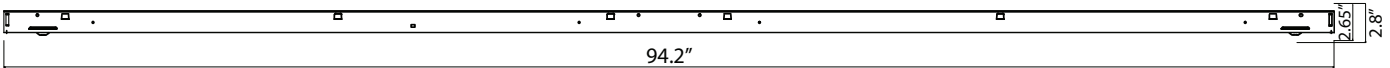
## PHOTOMETRIC DATA

### RSS
**Luminaire Data**

| Description | 4' Strip Light Slim |
|---|---|
| Total Lumens | 4,804 |
| Input Wattage | 34 |
| Efficacy (lm/W) | 140 |
| Spacing Criterion (0-180°) | 1.24 |
| Spacing Criterion (90-270°) | 1.34 |

**Zonal Lumen Summary**

| Zone | Lumens | %Fixt |
|---|---|---|
| 0-20° | 492 | 10.2% |
| 0-30° | 1,049 | 21.8% |
| 0-40° | 1,725 | 35.9% |
| 20-50° | 1,948 | 40.5% |
| 40-70° | 1,949 | 40.6% |
| 0-60° | 3,111 | 64.8% |
| 0-80° | 4,095 | 85.2% |
| 0-90° | 4,372 | 91.0% |
| 90-180° | 432 | 9.0% |
| 0-180° | 4,804 | 100.0% |

**Polar Graph**

90°
335
670 60°
1005
1340 30°
0°

0° Graph
90° Graph

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