

# RWL 3525 Series

## LED Roadway Lighting



### Advantages of RWL3525

- **Energy Efficient** / Ultra bright industry leading **High Efficacy (lm/W)** luminaire
- **Wide Angle Lighting** enabling longer pole spacing
- **Proprietary Reflector Controlled Optics** enabling glare-free uniform lighting. Eliminating the need for costly and fragile plastic lenses
- **Advanced Integrated Thermal Technology** enables low LED junction temperatures (T<sub>j</sub>) for maintenance free long life
- **Dura-Guard** double layer epoxy coating with industry leading 10 year protection on weather and corrosion
- **IP68** (water, dust & vapor-proof) rated luminaire with an exceptional **10-Year Limited Warranty**
- Optional programmable **RF Wireless Smart Control System with daylight sensor** enabling greater savings and flexibility
- Designed and Engineered in the **USA**

### Application

- Type II Street Lighting
- Type V Rectangular
- Parking Lots
- Perimeter Lighting
- Parks and Walkway Lighting

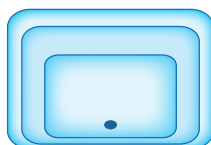
# RWL 3525 Series

## LED Roadway Lighting

### Optic Options

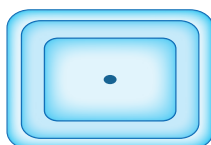
**02 - Type II** / wall mount & perimeter lighting

**M - Medium**



**S5 - Type V Rectangular** / symmetric for canopies, tunnels, parking garages and wide flood application

**M - Medium**



**F5 - Type V Opaque - Frosted** / symmetric for ultra uniform & low glare application

**L - Long**



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### Ordering Information

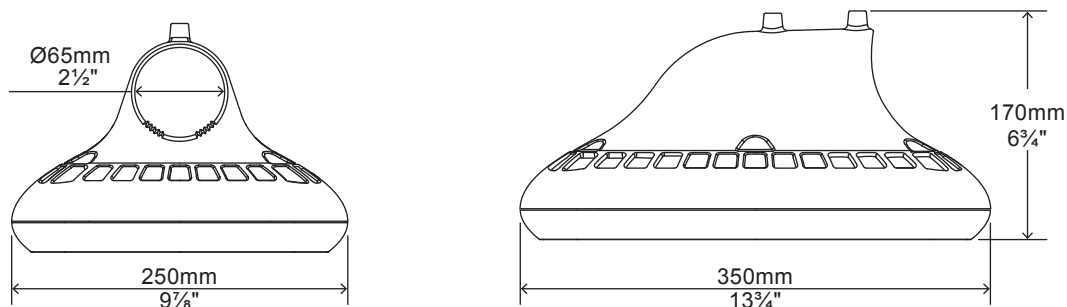
| RWL3525 - | Wattage   | Voltage        | - | Optics   | Pitch                  | - | CCT                                    | Driver  |
|-----------|---|----------------|---|--|------------------------|---|--|---|
|           | 035 = 35Watt<br>055 = 55Watt<br>075 = 75Watt<br>100 = 100Watt | UV = 90-277VAC |   | 02 = Type II<br>S5 = Type V Rectangular<br>F5 = Type V Frosted | M = Medium<br>L = Long |   | 30 = 3000K<br>40 = 4000K<br>50 = 5000K | ND = Non-Dimmable<br>DM = Dimmable<br>DS = Dimmable With Sensor |

NOTE: Outdoor application and corrosive environment please request glass lens.  
Gray is the standard exterior color. Other colors are available on request.

### Example

| Part Number            | Part Description  |
|------------------------|---|
| RWL3525-055UV-02M-50DS | LED Roadway Light / 55 Watt / 90-277VAC / Type II / Medium Pitch / 5000K Cool White / Dimmable with Daylight Sensor |

### External Dimensions



### Packaging Information

| Case Quantity | Dimensions (LxWxH)                            | Weight             |
|---------------|---|--------------------|
| 1             | 38.5 x 28.5 x 23 cm<br>15 1/8 x 11 1/4 x 9 in | 6.2 kg<br>13.6 lbs |

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## LED Roadway Lighting

### Specification - Type II / Type V Rectangular

|  |  |
|--|--|
| Input Voltage  | 90-277VAC 47~63Hz                              |
| Fixture Watts  | 55 Watt  |
| Lumens (Total) *                                       | 7,150 Lumens                                   |
| Efficacy *   | 130 Lumens / W                                 |
| LED Model  | Lumileds / Nichia / Cree                       |
| Number of LEDs & Driving Current                       | 12@445mA                                       |
| CRI  | 75   |
| T <sub>J</sub> - Junction Temp (T <sub>a</sub> @ 25°C) | 54°C   |
| L70 Rating @ T <sub>a</sub> 25°C                       | > 160K hours                                   |
| Lighting Control                                       | Dimmable (0-10V, PWM) / DALI / Daylight Sensor |
| Warranty   | 10-Year Limited                                |
| Operational Temperature (T <sub>a</sub> )              | -40°C ~ 55°C                                   |
| Storage Temp. / Humidity                               | -40°C ~ 80°C / IP68 Waterproof Rated Fixture   |
| Transient Surge Protection                             | 20kV / 10kA (L - L, L-G)                       |

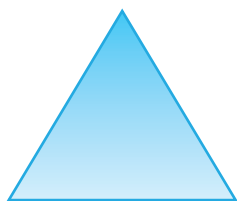
\* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture

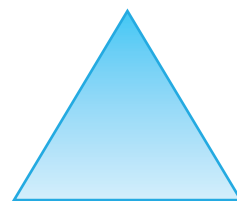


### Illumination Levels - Type II & Type V Rectangular



| Type II - Medium |     |    |
|------------------|-----|----|
| Height           | LUX | FC |
| 4m / 13ft        | 202 | 19 |
| 5m / 16.5ft      | 148 | 14 |
| 6m / 20ft        | 98  | 9  |
| 7m / 23ft        | 77  | 7  |
| 8m / 26ft        | 56  | 5  |

OPTICS: Type II Reflector & Linear Glass Lens.



| Type V Rectangular - Medium |      |    |
|-----------------------------|------|----|
| Height                      | LUX  | FC |
| 4m / 13ft                   | 192  | 18 |
| 5m / 16.5ft                 | 141  | 13 |
| 6m / 20ft                   | 93.5 | 9  |
| 7m / 23ft                   | 73.5 | 7  |
| 8m / 26ft                   | 53   | 5  |

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

# RWL 3525 Series

## LED Roadway Lighting - 55Watt

### Specification - F5 Type V Frosted

|  |  |
|--|--|
| Input Voltage  | 90-277VAC 47~63Hz                              |
| Fixture Watts  | 55 Watt  |
| Lumens (Total) *                                       | 6,100 Lumens                                   |
| Efficacy *   | 111 Lumens / W                                 |
| LED Model  | Lumileds / Nichia / Cree                       |
| Number of LEDs & Driving Current                       | 12@445mA                                       |
| CRI  | 70 / 80  |
| T <sub>J</sub> - Junction Temp (T <sub>a</sub> @ 25°C) | 51°C   |
| L70 Rating @ T <sub>a</sub> 25°C                       | > 175K hours                                   |
| Lighting Control                                       | Dimmable (0-10V, PWM) / DALI / Daylight Sensor |
| Warranty   | 10-Year Limited                                |
| Operational Temperature (T <sub>a</sub> )              | -40°C ~ 55°C                                   |
| Storage Temp. / Humidity                               | -40°C ~ 80°C / IP68 Waterproof Rated Fixture   |
| Transient Surge Protection                             | 20kV / 10kA (L - L, L-G)                       |

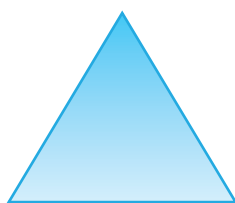
\* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture



### Illumination Levels - F5 Type V Frosted



| Type V Frosted - Long |     |    |
|-----------------------|-----|----|
| Height                | LUX | FC |
| 3m / 9.8ft            | 230 | 21 |
| 4m / 13ft             | 163 | 15 |
| 5m / 16.5ft           | 120 | 11 |
| 6m / 20ft             | 83  | 8  |

OPTICS: No Reflector & Frosted Plastic Lens.