

# 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

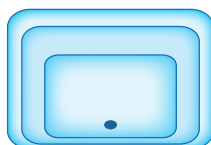
# RWL 3525 Series

## LED Roadway Lighting

### Optic Options

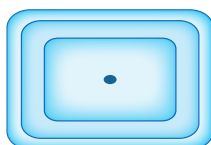
**02 - Type II** / wall mount & perimeter lighting

**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**



# RWL 3525 Series

## LED Roadway Lighting

### Ordering Information

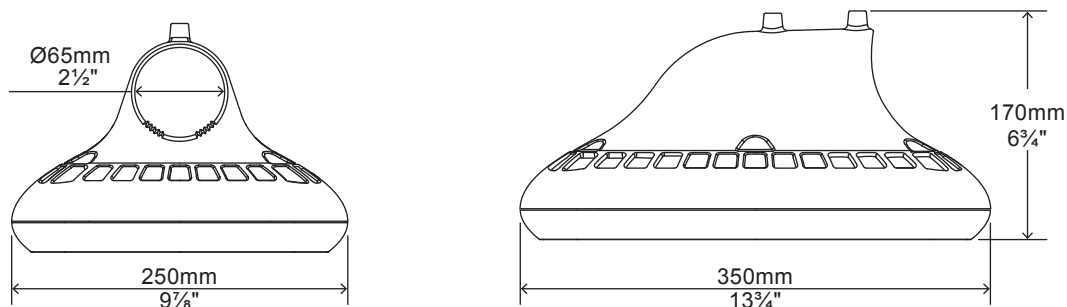
RWL3525 -	Wattage	Voltage	-	Optics	Pitch	-	CCT	Driver
	035 = 35Watt 055 = 55Watt 075 = 75Watt 100 = 100Watt	UV = 90-277VAC		02 = Type II S5 = Type V Rectangular F5 = Type V Frosted	M = Medium L = Long		30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable With Sensor

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
RWL3525-035UV-02M-50DS	LED Roadway Light / 35 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 15 1/8 x 11 1/4 x 9 in	6.2 kg 13.6 lbs

# RWL 3525 Series

## LED Roadway Lighting - 35Watt - Type II / V

### Specification - Type II / Type V Rectangular

Input Voltage	90-277VAC 47~63Hz
Fixture Watts	35 Watt
Lumens (Total) *	4,830 Lumens
Efficacy *	138 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@285mA
CRI	75
T <sub>J</sub> - Junction Temp (T <sub>a</sub> @ 25°C)	50°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)

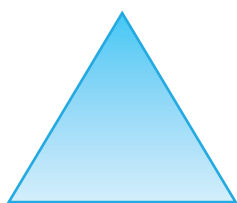
\* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture

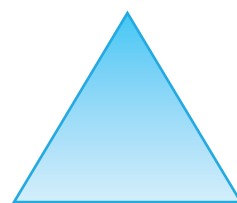


### Illumination Levels - Type II & Type V Rectangular



Type II - Medium		
Height	LUX	FC
4m / 13ft	158	15
5m / 16.5ft	113	11
6m / 20ft	76	7
7m / 23ft	61	6
8m / 26ft	43	4

OPTICS: Type II Reflector & Linear Glass Lens.



Type V Rectangular - Medium		
Height	LUX	FC
4m / 13ft	148	14
5m / 16.5ft	108	10
6m / 20ft	72	7
7m / 23ft	56	5
8m / 26ft	42	4

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

# RWL 3525 Series

## LED Roadway Lighting - 35Watt - Type V Frosted

### Specification - F5 Type V Frosted

Input Voltage	90-277VAC 47~63Hz
Fixture Watts	35 Watt
Lumens (Total) *	4,025 Lumens
Efficacy *	115 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@285mA
CRI	70 / 80
T <sub>J</sub> - Junction Temp (T <sub>a</sub> @ 25°C)	49°C
L70 Rating @ T <sub>a</sub> 25°C	> 185K 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)

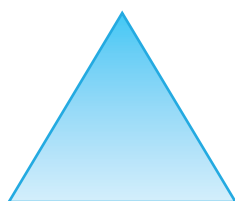
\* Test data @ 25°C

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	180	17
4m / 13ft	126	12
5m / 16.5ft	95	9
6m / 20ft	63	6

OPTICS: No Reflector & Frosted Plastic Lens.