

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_j) 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

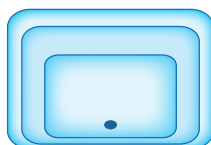
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Optic Options

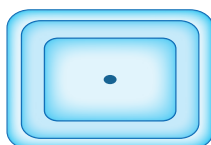
02 - Type II / wall mount & perimeter lighting

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

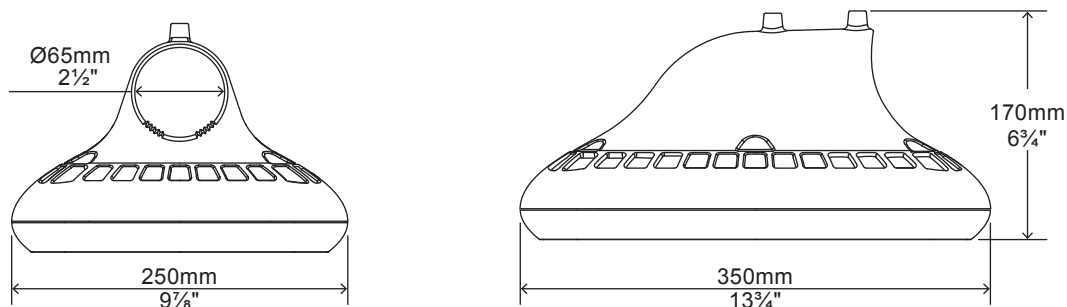
RWL3525 -		Wattage	Voltage	Optics	Pitch	CCT	Driver
		035 = 35Watt 055 = 55Watt 075 = 75Watt 100 = 100Watt	UV = 90-277VAC	02 = Type II S5 = Type V Rectangular F5 = Type V Frosted	M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable With Sensor

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
RWL3525-075UV-02M-50DS	LED Roadway Light / 75 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

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LED Roadway Lighting - 100Watt - Type II / V

Specification - Type II / Type V Rectangular

Input Voltage	90-277VAC 47~63Hz
Fixture Watts	100 Watt
Lumens (Total) *	11,600 Lumens
Efficacy *	116 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@650mA
CRI	75
T _J - Junction Temp (T _a @ 25°C)	58°C
L70 Rating @ T _a 25°C	> 150K hours
Lighting Control	Dimmable (0-10V, PWM) / DALI / Daylight Sensor
Warranty	10-Year Limited
Operational Temperature (T _a)	-40°C ~ 55°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	20kV / 10kA (L - L, L-G)

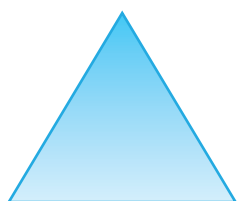
* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture

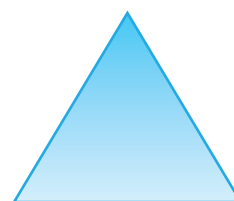


Illumination Levels - Type II & Type V Rectangular



Type II - Medium		
Height	LUX	FC
4m / 13ft	311	29
5m / 16.5ft	228	21
6m / 20ft	151	14
7m / 23ft	119	11
8m / 26ft	87	8

OPTICS: Type II Reflector & Linear Glass Lens.



Type V Rectangular - Medium		
Height	LUX	FC
4m / 13ft	298	28
5m / 16.5ft	217	20
6m / 20ft	148	14
7m / 23ft	116	11
8m / 26ft	83	8

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

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LED Roadway Lighting - 100Watt - Type V Frosted

Specification - F5 Type V Frosted

Input Voltage	90-277VAC 47~63Hz
Fixture Watts	100 Watt
Lumens (Total) *	10,000 Lumens
Efficacy *	100 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@650mA
CRI	70 / 80
T _J - Junction Temp (T _a @ 25°C)	54°C
L70 Rating @ T _a 25°C	> 160K hours
Lighting Control	Dimmable (0-10V, PWM) / DALI / Daylight Sensor
Warranty	10-Year Limited
Operational Temperature (T _a)	-40°C ~ 55°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	20kV / 10kA (L - L, L-G)

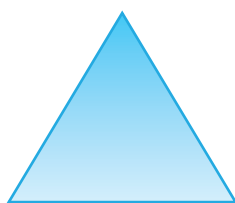
* Test data @ 25°C

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	353	33
4m / 13ft	255	24
5m / 16.5ft	185	17
6m / 20ft	126	12

OPTICS: No Reflector & Frosted Plastic Lens.