RWL3525 Series

LED Area-Site Lighting

Advantages of RWL3525

- Future-proof LED area & site light
- Available in 35 ~ 100 Watt configurations with various optics
- Optional solar powered DC input voltage available for 35 ~ 65 Watt systems
- Ultra-bright industry leading high efficacy up to 179 lm / W
- Proprietary reflector optics enabling glare-free uniform lighting, eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP68 rated tri-proof (dust, vapor & water-proof) luminaire
- Ultra-wide angle butterfly optics enabling longer pole spacing
- Optional wireless smart control system with daylight sensor enabling greater savings and flexibility
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 135,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

Years Warranty

Smart Control

Wet Location

Impact Resistance

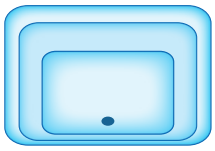
Applications

- Parks & Playgrounds
- Shopping Centers
- Campuses
- Walkways
- Construction Sites
- Parking Lots

Optic Options

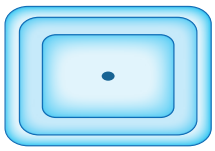
02 - Type II Roadway Lighting / asymmetric for street and pedestrian walkway applications

M - Medium



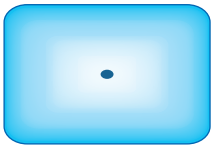
S5 - Type V Rectangular / symmetric for street, parking lot and pedestrian walkway applications

M - Medium



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

L - Long



RWL3525 Series

LED Area-Site Lighting - 35Watt

Ordering Information

RWL3525–

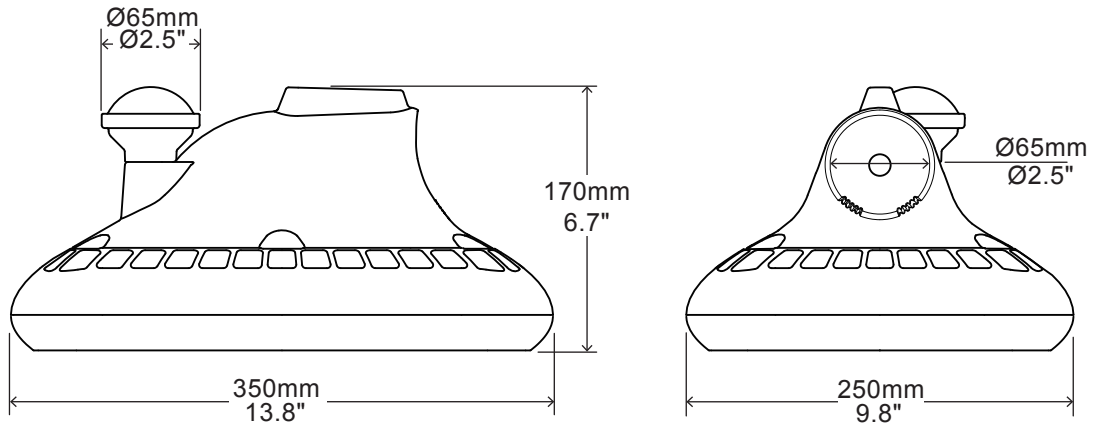
Wattage	Voltage *	–	Optics	Pitch	–	CCT	Driver & Control **
035 = 35Watt	UV = 100-277VAC		02 = Type II	M = Medium		30 = 3000K	ND = Non-Dimmable
055 = 55Watt	HV = 200-480VAC		S5 = Type V Rectangular	L = Long		40 = 4000K	DM = Dimmable
075 = 75Watt	DV = 127-390VDC		F5 = Type V Frosted			50 = 5000K	DS = Daylight Sensor
100 = 100Watt	SP = 12-32VDC						SC = Smart Control

NOTE: Gray is the standard exterior color.
* Input voltage 12-32VDC available only for solar powered models with DC driver ranging from 35 - 65 Watts.
** Smart control & daylight sensor available with ZHAGA standard receptacle module for AC powered models only.

Example

Part Number	Part Description
RWL3525-035UV-S5M-50ND	LED Area Light / 35 Watt / 100-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Non-Dimmable

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 21.5 cm 15.2 x 11.2 x 8.5 in	6.2 kg 13.6 lbs

RWL3525 Series

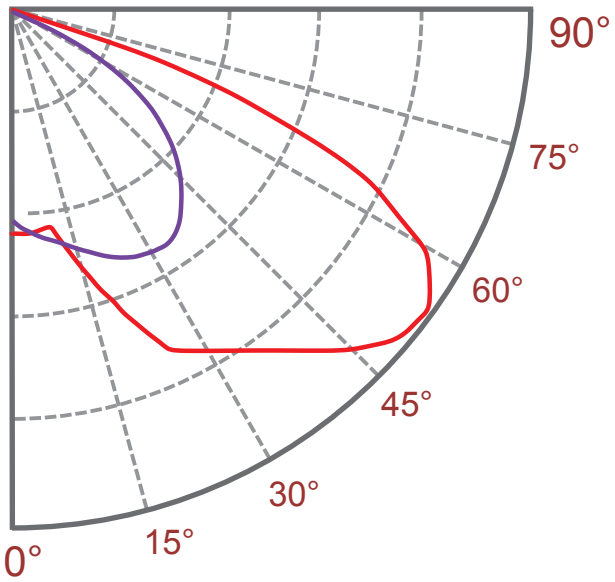
LED Area-Site Lighting - 35Watt

Specification - Type II Medium

Fixture Watts	35 W
Lumens (Total) *	6,160 lm
Efficacy *	176 lm / W
Number of LEDs & Driving Current	48@240mA
T_S - Solder Point Temp *	52°C / 126°F
L70 Rating @ T_a 25°C	> 175K hours
Operational Temperature (T_a)	-40° ~ 50°C / -40° ~ 122°F
Input Voltage	100~277VAC 47~63Hz Optional 200~480VAC / 127~390VDC / Solar 12-32VDC
LED Model	Lumileds / Nichia / Cree
CRI	>75
Lighting Control	Dimmable (0-10V, PWM) / Smart Control / Daylight Sensor
Warranty	10-Year Limited
Storage Temperature / Humidity	-50° ~ 80°C / -58° ~ 176°F / IP68 Rated Fixture
Transient Surge Protection	10kV / 5kA (L-L, L-G) Optional 20kV / 10kA

* Test data @ Ta: 25°C. All lumen values have ±7% tolerance
NOTE: Light intensities measured directly below fixture

Light Distribution Curve



C0/C180
C90/C270

RWL3525 Series

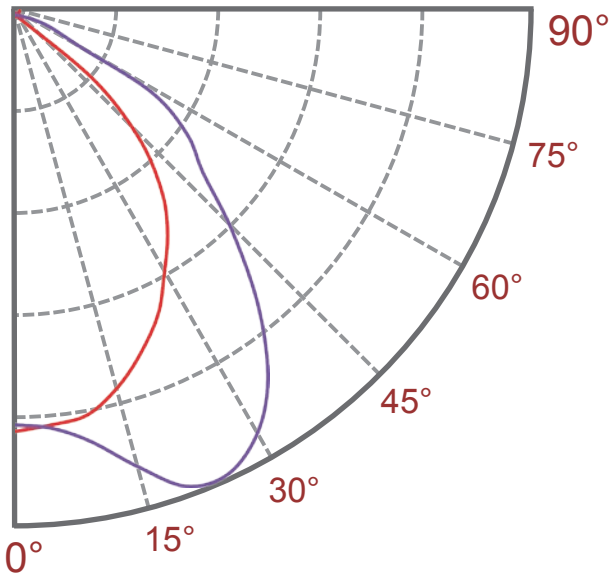
LED Area-Site Lighting - 35Watt

Specification - Type V Rectangular

Fixture Watts	35 W
Lumens (Total) *	6,265 lm
Efficacy *	179 lm / W
Number of LEDs & Driving Current	48@240mA
T_S - Solder Point Temp *	50°C / 122°F
L70 Rating @ T_a 25°C	> 175K hours
Operational Temperature (T_a)	-40° ~ 50°C / -40° ~ 122°F
Input Voltage	100~277VAC 47~63Hz Optional 200~480VAC / 127~390VDC / Solar 12-32VDC
LED Model	Lumileds / Nichia / Cree
CRI	>75
Lighting Control	Dimmable (0-10V, PWM) / Smart Control / Daylight Sensor
Warranty	10-Year Limited
Storage Temperature / Humidity	-50° ~ 80°C / -58° ~ 176°F / IP68 Rated Fixture
Transient Surge Protection	10kV / 5kA (L-L, L-G) Optional 20kV / 10kA

* Test data @ Ta: 25°C. All lumen values have ±7% tolerance
NOTE: Light intensities measured directly below fixture

Light Distribution Curve



C0/C180
C90/C270

RWL3525 Series

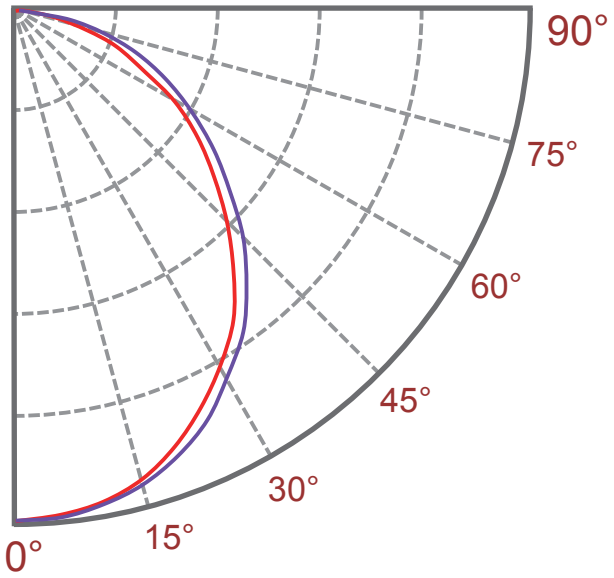
LED Area-Site Lighting - 35Watt

Specification - F5 Type V Frosted

Fixture Watts	35 W
Lumens (Total) *	5,670 lm
Efficacy *	162 lm / W
Number of LEDs & Driving Current	48@240mA
T_S - Solder Point Temp *	51°C / 124°F
L70 Rating @ T_a 25°C	> 175K hours
Operational Temperature (T_a)	-40° ~ 50°C / -40° ~ 122°F
Input Voltage	100~277VAC 47~63Hz Optional 200~480VAC / 127~390VDC / Solar 12-32VDC
LED Model	Lumileds / Nichia / Cree
CRI	>75
Lighting Control	Dimmable (0-10V, PWM) / Smart Control / Daylight Sensor
Warranty	10-Year Limited
Storage Temperature / Humidity	-50° ~ 80°C / -58° ~ 176°F / IP68 Rated Fixture
Transient Surge Protection	10kV / 5kA (L-L, L-G) Optional 20kV / 10kA

* Test data @ Ta: 25°C. All lumen values have ±7% tolerance
NOTE: Light intensities measured directly below fixture

Light Distribution Curve



C0/C180
C90/C270

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