

RWL600 Series

LED Area-Site Lighting



Advantages of RWL600

- Energy efficient and a cost effective LED area & site light
- Available in 30 / 50 / 70Watt configurations
- Optional solar powered DC input voltage available for 25 ~ 70 Watt systems
- Ultra-bright industry leading high efficacy up to 180 lm /W
- Field serviceable cost effective modularized light engine and LED driver
- Wide angle optics with built in 10° vertical tilt for more uniform lighting distribution
- Advanced thermal technology for maintenance free long life
- Optional smart control, daylight sensor and surge & lightning protection with externally mounted ZHAGA standard receptacle
- L70 ≥ 50,000 hours with an operating temperature of -40°C ~ 50°C
- Titanium rated high efficiency LED driver with smart circuitry
- Ideal for budgetary lighting projects
- SUS 316 marine rated stainless steel housing for superior weather and corrosion protection
- 15-year limited warranty on housing & structure
- 5 year limited warranty on light engine and LED driver

Applications

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



Years Warranty



Smart Control



Wet Location



Corrosive Area



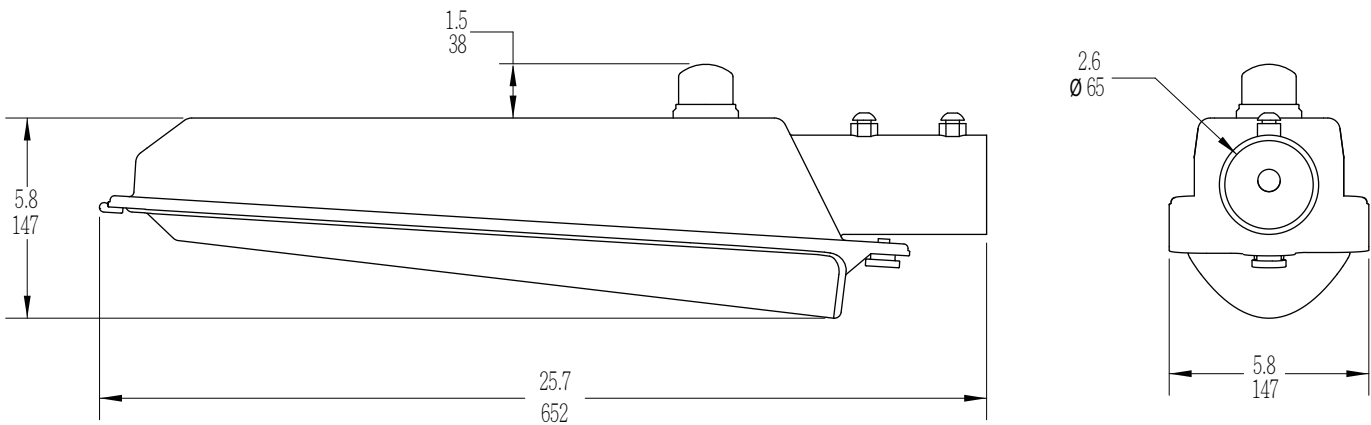
Impact Resistance

RWL600 Series

LED Area-Site Lighting



External Dimensions



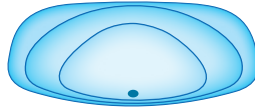
RWL600 Series

LED Area-Site Lighting - 50Watt

Optics Options

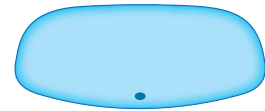
02 - Type II / asymmetric for street and pedestrian walkway applications

M - Medium



F2 - Type II Opaque - Frosted / asymmetric for ultra uniform & low glare applications

L-Long



Ordering Information

RWL60 -	Wattage	Voltage *	Optics	CCT	Driver & Control **
	030 = 30Watt 050 = 50Watt 070 = 70Watt	UV = 100-277VAC HV = 200-480VAC SP = 12-32VDC	02M = Type II Clear Medium F2L = Type II Frosted Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Daylight Sensor SC = Smart Control

* Input voltage 12-32VDC available only for solar powered models with DC driver ranging from 25 - 70 Watts.

** Smart control & daylight sensor available with ZHAGA standard receptacle module for AC powered models only.

Example

Part Number	Part Description
RWL60-050UV-02M-50ND	LED Area Light / 50 Watt / 100-277VAC / Type II Clear Medium / 5000K Cool White / Non-Dimmable

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
RWL600	1	67 x 7 x 10 cm 26.4 x 2.8 x 4 inch	2.7 kg 6 lbs



RWL600 Series

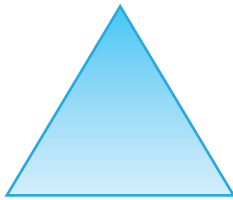
LED Area-Site Lighting - 50Watt

Specification - Type II Clear Medium

Fixture Watts	50 W
Lumens (Total) *	8,700 lm
Efficacy *	174 lm / W
Number of LEDs & Driving Current	280@55mA
T _s - Solder Point Temp *	62°C / 144°F
L70 Rating @ T _a 25°C	> 55K hours
Operational Temperature (T _a)	-40° ~ 50°C / -40° ~ 122°F
Input Voltage	100~277VAC 47~63Hz Optional 200~480VAC / Solar 12-32VDC
LED Model	Nichia 3030
CRI	85
Lighting Control	Dimmable (0-10V, PWM) / Smart Control / Daylight Sensor
Warranty	5-Year Limited
Storage Temp.	-40° ~ 80°C / -40° ~ 176°F / IP66 Rated Fixture
Transient Surge Protection	10kV / 5kA (L-L, L-G)

* Test data @ T_a: 25°C. All lumen values have ±7% tolerance

Illumination Levels - Type II Clear



Type II - Medium		
Height	LUX	FC
4m / 13ft	246	23
5m / 16.5ft	176.5	16.5
6m / 20ft	117	11
7m / 23ft	92	8.5
8m / 26ft	67	6.2

Zonal Lumen Summary

Zone (°)	Lumens	% Fixture
0-30	3532.2	40.6%
0-40	5568.0	64.0%
0-60	8378.1	96.3%
0-90	8691.3	99.9%
0-180	8700.0	100.0%

RWL600 Series

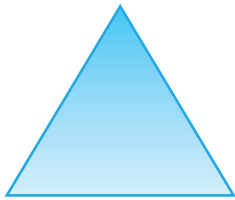
LED Area-Site Lighting - 50 Watt

Specification - Type II Frosted Long

Fixture Watts	50 W
Lumens (Total) *	7,850 lm
Efficacy *	157 lm / W
Number of LEDs & Driving Current	280@55mA
T _s - Solder Point Temp *	63°C / 145°F
L70 Rating @ T _a 25°C	> 55K hours
Operational Temperature (T _a)	-40° ~ 50°C / -40° ~ 122°F
Input Voltage	100~277VAC 47~63Hz Optional 200~480VAC / Solar 12-32VDC
LED Model	Nichia 3030
CRI	85
Lighting Control	Dimmable (0-10V, PWM) / Smart Control / Daylight Sensor
Warranty	5-Year Limited
Storage Temp.	-40° ~ 80°C / -40° ~ 176°F / IP66 Rated Fixture
Transient Surge Protection	10kV / 5kA (L-L, L-G)

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

Illumination Levels - Type II Frosted



Type V Frosted - Long		
Height	LUX	FC
3m / 9.8ft	296	27.5
4m / 13ft	210	19.5
5m / 16.5ft	154	14
6m / 20ft	107	10

Zonal Lumen Summary

Zone (°)	Lumens	% Fixture
0-30	3187.1	40.6%
0-40	5024.0	64.0%
0-60	7559.5	96.3%
0-90	7842.1	99.9%
0-180	7850.0	100.0%