

PRODUCT DESCRIPTION

The Alarion series is the pinnacle of full spectrum lighting for your vegetation needs. The new grow lights are easy to use and revolutionary for your garden.



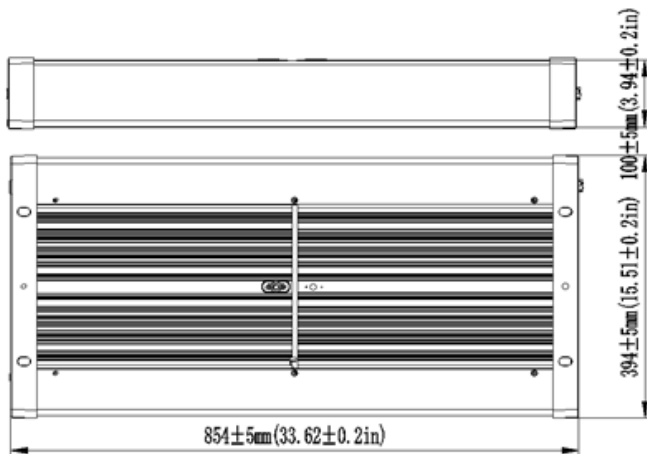
PART #:

RGL-ALARION-1200W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Green House
- Vertical Farming

PRODUCT DIMENSIONS



Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT



US based
phone and online
customer support

UL
CERTIFIED

5 YEARS
WARRANTY

UL
LISTED



888-933-2470
sales@ruggedgrade.com

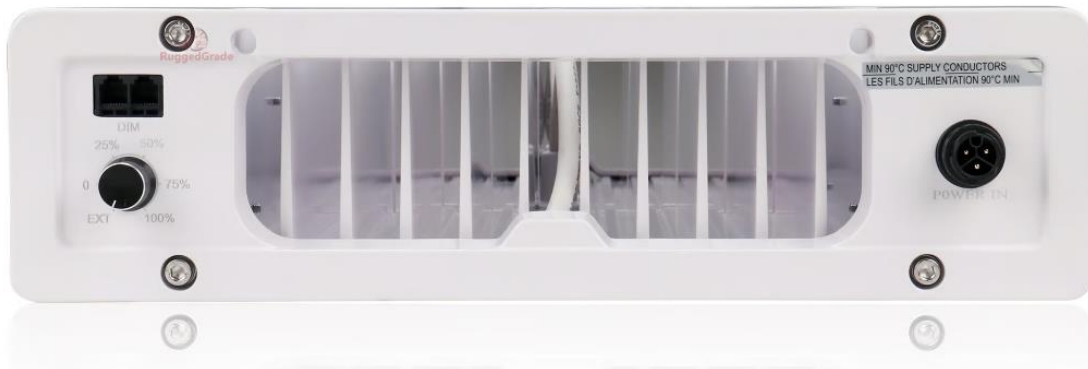
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	1200W
	Photosynthetic photon flux	2880 μmol/s
	Efficacy (Tolerance : -3%)	2.4 μmol/s
	CRI	>80
	Color Consistency	<7 Steps (or <7 SDCM)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance :	125*90 Degree
	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
ELECTRICAL	THD (Tolerance : +5%)	≤20%
	Distribution Pattern	Type II
	Driver Brand	Rugged Grade Lighting
	Driver Model	Rugged Grade Lighting Driver
	Driver Surge protection	L/N-PE: 4KV, L-N: 6KV
	Dimming	0-10V dimming standard
	Optional Accessory	Bluetooth SIG MESH
	LED Brand	Lumileds
	LED Type	RG
MATERIALS	LED QTY	NA
	Housing	Die-cast aluminum
	Housing Color	Silver or Customized
	Waterproof Rating	WET (IP65)
	Operating Temperature	-40°C TO 45°C
	Storage Temperature	-40°C TO 80°C
OTHERS	Operating Humidity	10% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime

PRODUCT MOUNTS & ACCESSORIES

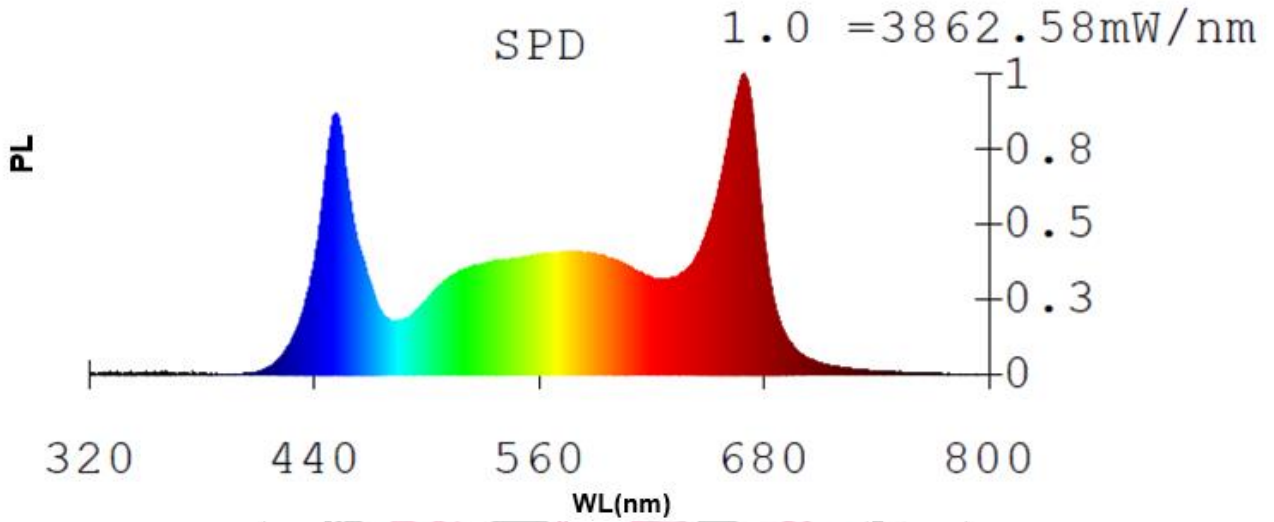


PRODUCT IMAGES & ACTUAL INSTALLATIONS



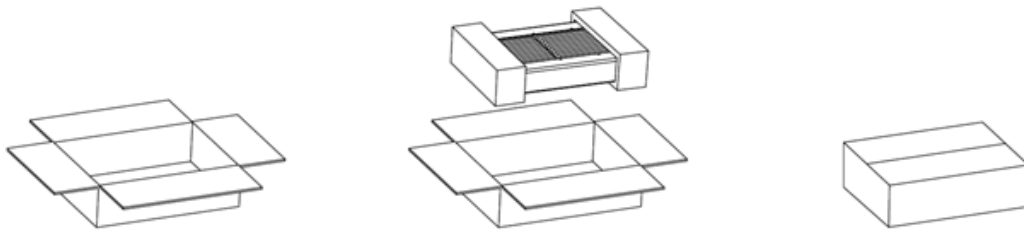
SPECTRUM

Indoor Spectrum(Model SNC-GLS03-800WS1NA1-abcWegj)



PRODUCT PACKAGING

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Lamp Outer box	920*455*195mm/36.22*17.9*7.68in	1PC	23KG/50.6ib	25KG/55ib



*Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.



PRODUCT WARNINGS

- ⚡ Please turn off power before install or change assembly parts.
- ⚡ The input voltage and lamps should be matched, after connecting the power line.
- ⚡ Please make sure the wiring section is insulated.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!

**BETTER LIGHTS.
BETTER SUPPORT.**

