

# Lumini Aqua System

Asta 120R1 Intelligent lighting

Programmable & Multiple Join

40\*3watt 750ma



Wireless Control



The Asta 120R1 provides a beautiful , functional, and economical way to light difficult aquariums, providing multiple modes and incredible coral growth!

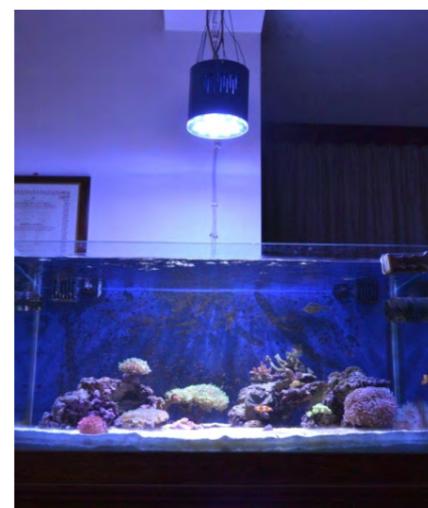
*Controllable / Efficient Multi LEDs / Power efficient  
Sunrise and Sunset, Lightening, and Lunar Cycle modes.*

## Features:

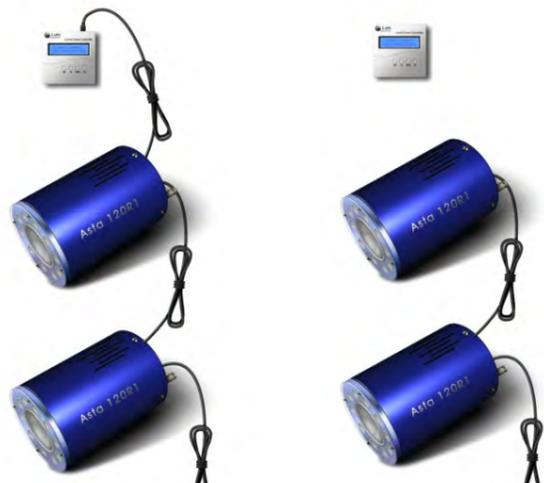
- ❖ LED Modular design, low cost maintenance
- ❖ Heat tube cooling, highly efficient and energy saving control, extends the LED life
- ❖ Integrated light lens, focuses light for high performance and water penetration
- ❖ Generous and elegant design gives this light a wonderful appearance in your home or business
- ❖ Easy to use, simple installation, suitable for deep or shallow water cylinders.
- ❖ Four channels separately Controlled, 8 channels of independent timing and dimming, promotes growth for fresh and sea water plant and animals.
- ❖ Light weight and small size makes for easy shipping and installation

## Growth

The Asta 120R1 supplies a suitable environment for marine and fresh water tanks, with the Sunrise, Sunset, Moonlight, and Thunderstorm modes. Three times more effective than other coral lights.



**Lumini Smart Control System**  
PMW & DMX Tech.



# Control

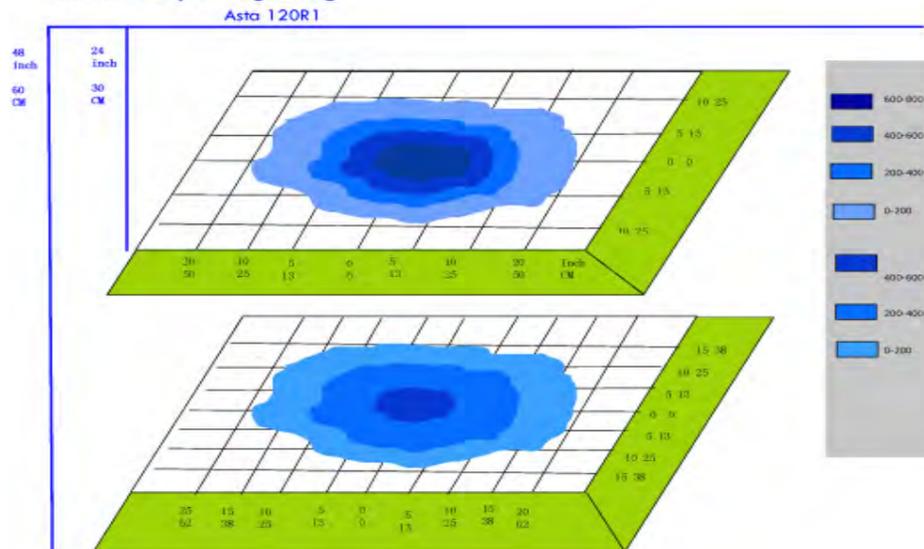
We use the newest and most popular technology DMX and PMW controls. Four channels, each has a separate dimmer and timer, with a 2.4 GHz RF wireless enabled control. Our control is intelligent, enabling Multiple-Join technology, lets your coral grow using automated parameters.

# Intensity

Using an integrated chip, each LEDs input is 750ma High intensity LEDs are combined using 45 and 120 degree high light transmitting lens. Providing amazing results.

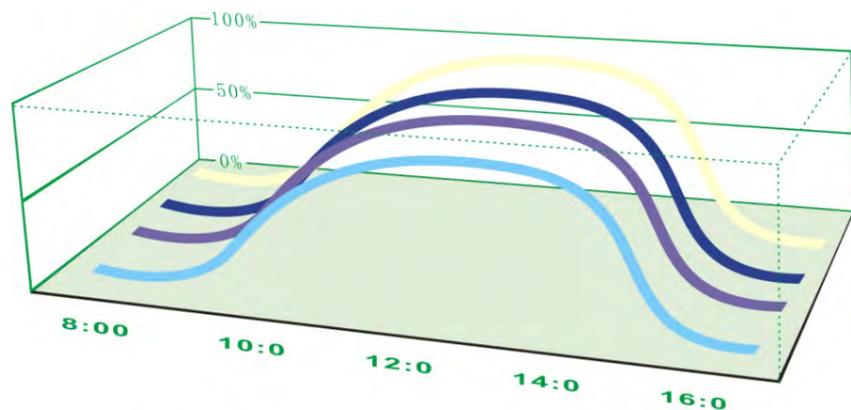


## Lumin Aqua lighting

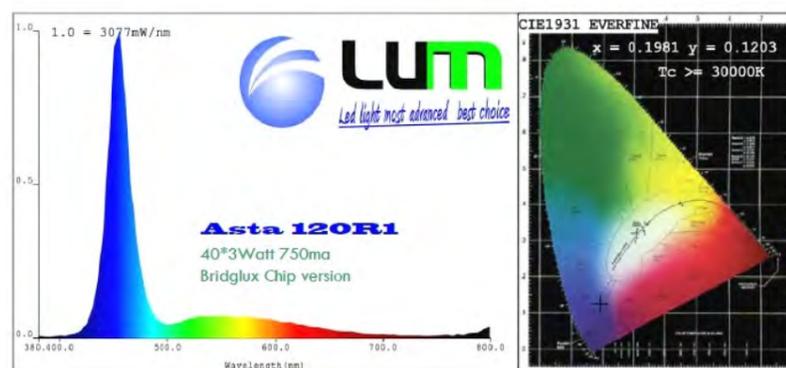


# Spectrum

The Asta 120R1 has four separate channels to control 100% of the usable light spectrum. Each channel has separate dimming and timing achieving a greater effect.



- Ch1 Royal Blue Channel
- Ch2 12000K Channel
- Ch3 Blue Channel
- Ch4 UV Channel



# Main Specification

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Actual power draw 120 watts  
0.6 amps @ 220V; 1.2 amps @ 110V  
Power Factor(PF): > 0.96      Frequency: 50/60Hz  
AC Cable Length: 4ft      DC Cable Length: 4ft  
AC Connector: IEC 320 Inlet  
Universal Input Range: 100 to 240VAC / 50 to 60Hz  
CE & ROHS



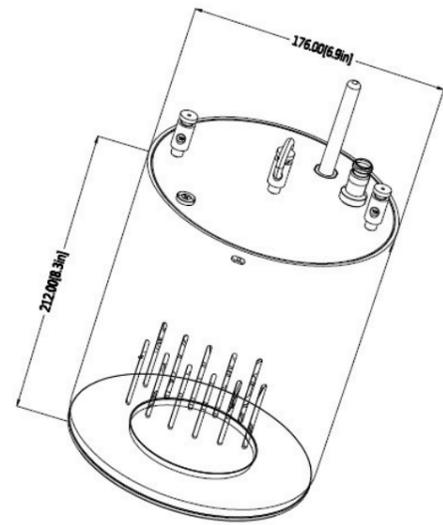
# Dimensions

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Length: 8 inches/212mm

Diameter: 6.2 inches/176mm

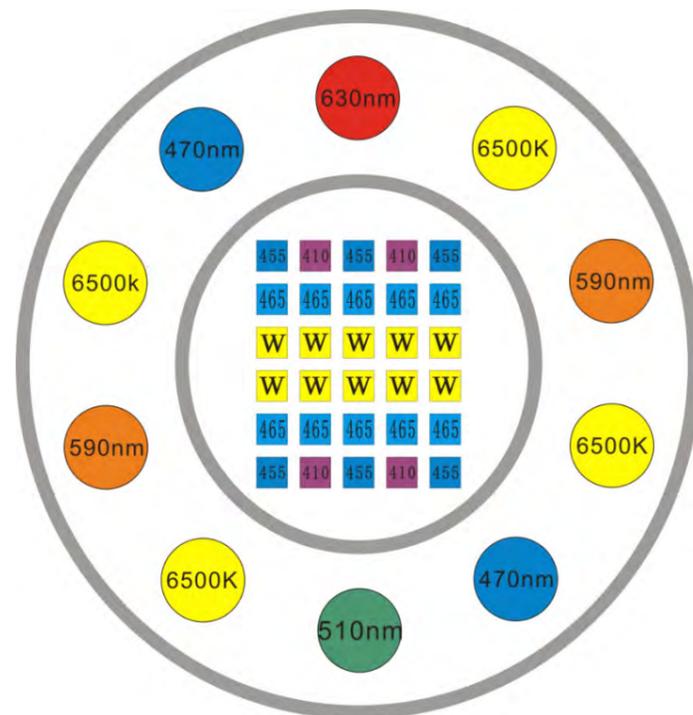
Weight: 8.8pounds/4kg



# LEDs

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- 12 x Blue LEDs run at 3W SemiLED
  - 10 x Cool White LEDs run at 3W Bridglux
  - 6 x Royal LEDs run at 3W SemiLED
  - 4 x UV LEDs run at 3W Edison
  - 6 X 6500K LEDs run at 3W bridglux
  - 2 x yellow LEDs run at 3W epistar
  - 1 x red LEDs run at 3w epistar
  - 1 x green LEDs run at 3W epistar
- Lifespan: 50000Hrs





## Upgradability

We know how important your investment is. We've designed the Lumini Asta 120R1 to be forward thinking, and allow for upgrades as the technology progresses. Like personal computers, LED technology is advancing rapidly. The Lumini Asta 120R1 is completely modular, allowing for upgrades as desired.

**By Lumini Aqua system Technical support**

[Support@lumled.cn](mailto:Support@lumled.cn)

<http://www.luminiacqua.com>

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