



## SEASHINE AQUARIUM LIGHTING

### *RTM Lighting and Electronics*

Plasmalyte's technology is based on a Light Emitting Plasma (LEP), electrode-less lighting platform, that uses radio frequency (RF) in the microwave range to create a high intensity plasma discharge. Its high power point is based on microwave excitation of an argon gas and metal halide mix to create gas plasma.

Plasmalyte is dedicated to developing and using the technology that leads to a better tomorrow. In this spirit we have become a leading designer and manufacturer of luminaires utilizing light emitting plasma (LEP). We also offer research & new product development services focusing on optics and light distribution.

Our Aquarium Fixtures are light for the life of your tank or enclosure. Powered by cutting edge advances in plasma lighting, Seashine fixtures leave



Part Description	Seashine
Length	408mm/16.1"
Width	286mm/11.3
Height	172mm/6.8"
Weight	8.6kg/19 lbs
Operating Temperature	0 to 45°C
Rated Average Life	50,000 hours
Source Lumens	18,000 lumens
Fixture Lumens	15,800 lumens
Voltage	100-277V
	480V Optional
Typical Turn-On Time	45 seconds
CCT	5,200K
CRI	90+
Dimming Range <sup>1</sup>	20-100%
Nominal AC Power	270W @ 120VAC
Current @ 120VAC	2.3A
Current @ 277VAC	1.0A
Current @ 480VAC	0.56A
Power Factor	0.99
CSA Certified	CSA C22.2 No.250.0-08 Damp Location



*Plasmalyte-Seashine is a 300 watt, full-spectrum, single entity plasma emitting fixture. Light output includes UV and IR spectrums for healthy plant and animal growth*

other technologies in the dark. Multiple reflector options and control setups ensure you get exactly what's right for your application.

Our lighting is commonly utilized for professional grade applications, and our clientele includes entities such as Disney's Epcot Center, San Diego Zoo, & Los Angeles Zoo.

Our knowledgeable staff consists of experts who can answer whatever questions you have about our products and are ready to help you invest in the right equipment for your application needs. Please contact RTM Lighting & Electronics for assistance with the design layout and plasma specification for your particular facility.

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