

Seashine

The **Seashine** Aquarium Luminaire featuring Light Emitting Plasma™

- ✓ 17,000 Source Lumens
- ✓ Energy Efficient: 72 Lumens/Watt
- ✓ Long Life – 30,000 hours
- ✓ Color Rendering of 95 CRI
- ✓ Compact Emitting Area
- ✓ Forward Directional Output
- ✓ Dimmable to 20%
- ✓ Rapid Start
- ✓ Digital or Analog Controllability



Light is important to the life of your aquarium. Aquatic plants and coral reefs need specific light to survive and flourish. The vibrant colors of marine animals need full spectrum light to shine and dazzle you and your visitors.

Seashine aquarium lights offer the highest color quality, intensity, and lifetime of any product available. Powered by cutting edge advances in plasma lighting, Seashine™ fixtures leave other technologies in the dark.

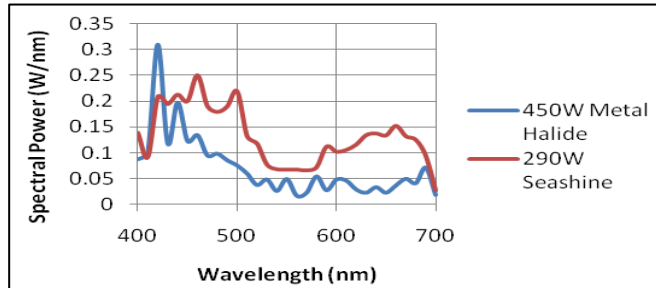
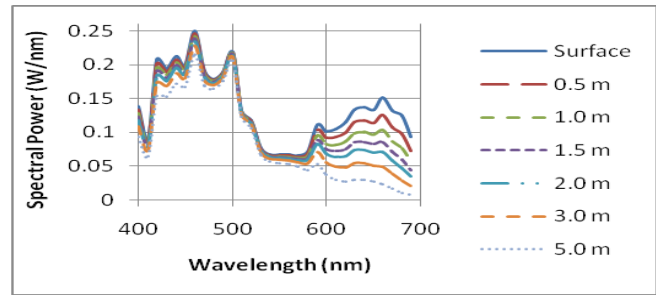
Let us bring your aquarium to life!



An exhibit at the Monterey Bay Aquarium in Monterey California showcasing the vivid, full spectrum light of Seashine™ fixtures.

Part Description	Seashine
Length	408mm/16.1"
Width	286mm/11.3
Height	172mm/6.8"
Weight	19 lbs
Operating Temperature	-40 to 45°C
Rated Average Life	30,000 hours
Source Lumens	17,000 lumens
Fixture Lumens	15,000 lumens
Voltage	100-277V 480V Optional
Typical Turn-On Time	45 seconds
CCT	5,300K
CRI	95
Dimming Range ¹	20-100%
Nominal AC Power	295 watts @208V
Current @ 120v	<2.6A
Current @ 277v	<1.1A
Current @ 480v	<0.65A
Power Factor	0.99
CSA Certified	CSA C22.2 No.250.0-08

PAR Power Distributions at Depths in Salt Water



PAR Power Distribution of 10,000 K MH vs Seashine

Fixture	Source	Reflector	Lens	voltage	Color	Cord Set	Control	Head Bracket
SEA	411 (23000 Lumens 75 CRI)	C1 (Octagonal)	C ¹ (Clear)	1 ¹ (100-277 VAC)	BL ¹ (Black)	00 (No Cord)	Shipped installed to fixture	Shipped installed to fixture
	412 ¹ (17000 lumens 95 CRI)	S1 (60x60)	S (Solite)	2 (277-480 VAC)	BZ (Bronze)	C1 ¹ (8', 5-15P Cord Set)	000 ¹ (No Controls)	S ¹ (Standard)
		S2 (90x90)	P (Prismatic)		WH (White)	C2 (12', 5-15P Cord Set)	100 (Power Switch)	H ² (Hinge)
		S3 (120x120)			GY (Gray)	C3 (12', 6-15P Cord Set)	010 (Dimmer)	P ³ (3/4" NPT)
		R1 (90x60)			XX (Custom)	C4 (12', L5-15P Cord Set)	001 (Terminal Block)	Z (Custom)
		R2 (120x60)					110 (Power Switch, Dimmer)	
							101 (Power Switch, T-Block)	
							011 (Dimmer, T-Block)	
							111 (Power Switch, Dimmer, T-Block)	
							XXX (Custom)	



Notes:
 1. Standard Components. If not specified, default option.
 2. Hinge, Locking. Allows head to adjust independent of body.
 3. 3/4" NPT. Allows attachment of hook or extension pipe.

Product	Source	Reflector	Glass	Voltage	Color	Cord Set	Controls	HB									
S	E	A	4	1	2	S	2	C	1	B	L	C	1	1	1	1	S

Seashine, 17000 Lumen Source, 90x90 Reflector, Clear Glass, 100-277VAC, Black, 8' Cord w/Nema 5-15P, Power Switch, Dimmer, Terminal Block, Standard

Accessories (Order Separately)

SLOT PN	Description	
1000253	Bracket, Truss. Allows unit to hang from a truss with a 2 inch (50.8 mm) maximum.	
1000265	Bracket, Hanging, Wall Mount, Assembly, Black. Allows unit to mount to a wall or other surface.	