



Super SeaArc® 150w HID

- Super efficient reflector design.
- High color temp lamps.
- Integrated or Remote Ballast options.
- Universal power input. (100v – 270v AC/DC)



The **Super SeaArc® 150w HID** is the big brother to Deepsea Power & Lights popular **SeaArc® 5000** gas discharge light. Like the **SeaArc®5000** the **Super SeaArc® 150w HID** is 3-5 times more efficient (lumens/watt) than comparable tungsten-halogen lights while providing over twice the light output.

A properly designed ballast is required to operate all gas discharge lights and the **Super SeaArc® 150w HID** is available with two different ballast options. The self-contained ballast option incorporates the ballast into the housing and eliminates the need for additional interconnect cables. The remote ballast option allows the ballast portion of the light to be mounted up to 10 feet away from the lighthouse to facilitate installation in tight areas.

With a choice of 4000°K or 7000°K color temperature lamps, the **Super SeaArc® 150w HID** produces a very white light that penetrates further through seawater than conventional incandescent lamps. Since there is no filament to break, gas discharge lights are also less sensitive to vibration and shock than incandescent lights. The **Super SeaArc® 150w HID** is an excellent choice for use on ROVs, as well as any applications where high quality light, efficiency and ruggedness are of prime importance.

DeepSea's underwater products are used daily in the most demanding environments on planet Earth. The **Super SeaArc® 150w HID** continues our commitment to designing best-value products for users who demand uncompromising quality, reliability and service.

Super SeaArc® 150W HID Specifications

	<i>SELF-CONTAINED BALLAST</i>	<i>REMOTE LIGHTHEAD</i>	<i>REMOTE BALLAST</i>
MECHANICAL			
Body Material:	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Glass Dome:	Tempered borosilicate glass	Tempered borosilicate glass	N/A
Reflector:	Flood/Clear Dome Flood/Frosted Dome	Flood/Clear Dome Flood/Frosted Dome	N/A
Length:	43.8 cm (17.25 inches)	18.3 cm (7.2 inches)	24.6 cm (9.68 inches)
Diameter:	Body: 8.3 cm (3.25 inches) Cowl: 11.4 cm (4.50 inches)	11.4 cm (4.5 inches)	7.6 cm (3 inches)
Air Weight	3.0 kg (6.6 lbs)	1.4 kg (3.10 lbs)	2.06 kg (4.55 lbs)
Water Weight	1.7 kg (3.7 lbs)	0.5 kg (1.11 lbs)	0.78 kg (1.73 lbs)
ENVIRONMENTAL			
Depth Rating:	4,000 msw (13,123 ft)	4,000 msw (13,123 ft)	4,000 msw (13,123 ft)
Test Depth:	4,105 msw (13,469ft; 6,000psi; 41.4 MPa)	4,105 msw (13,469ft; 6,000psi; 41.4 MPa)	4,105 msw (13,469ft; 6,000psi; 41.4 MPa)
Crush Depth*: *based on 1 sample only	5,987 msw (19,642 ft; 8,750 psi; 60.3 MPa)	msw (ft)	msw (ft)
OPTICAL			
Beam Pattern:	Flood/Clear dome: 60° conical Flood/Frosted dome: 90°	Flood/Clear dome: 60° conical Flood/Frosted dome: 90°	N/A
ELECTRICAL			
Output	150W		
Input Voltage:	100V – 277V AC/DC		
Operating Current:	1.40A (at 120V)		
Starting Input Current:	3A peak for 5 seconds (at 120V)		
Color Temperature	4,000°K or 7,000°K lamp		
Brightness	6,000 Lumens (with 4,000°K lamp) 6,088 Lumens (with 7,000°K lamp)		
Average lamp life:	6,000 hours (with 4,000°K lamp) 2,000 hours (with 7,000°K lamp)		
PIN-OUT AND CONNECTORS			
Lighthouse:	BH3MP (Pin 1=Hot, 2=Neutral, 3=Ground to shell) XSG3BCL (1=Ground to shell, 2=Hot, 3=Neutral) 1503 (1=Hot, 2=Neutral, 3=Ground to shell)	BH3MP (Pin 1=Hot, 2=Neutral, 3=Ground to shell) XSG3BCL (1=Ground to shell, 2=Hot, 3=Neutral) 1503 (1=Hot, 2=Neutral, 3=Ground to shell)	BH3MP (Pin 1=Hot, 2=Neutral, 3=Ground to shell) XSG3BCL (1=Ground to shell, 2=Hot, 3=Neutral) 1503 (1=Hot, 2=Neutral, 3=Ground to shell)
Ballast Input:	N/A	N/A	BH3MP
Ballast Output:	N/A	N/A	BH3FS