



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

MECHANICAL

Housing Material:	Anodized Aluminum
Length:	43.8 cm (17.25 in)
Diameter:	Body: 8.3 cm (3.25 in) Cowl: 11.4 cm (4.50in)
Glass Dome:	Tempered borosilicate glass
Air weight:	3.0kg (6.6lbs)
Water weight:	1.7kg (3.7lbs)

ENVIRONMENTAL

Depth Rating:	4,000 msw (13,123ft)
Test Depth:	4,105 msw (13,469ft, 6,000psi, 41.4MPa)
Crush Depth*:	5,987 msw (19,642ft, 8,750psi, 60.3MPa)

*based on 1 sample only.

OPTICAL

Beam Pattern:	
Flood Reflector / Clear Dome:	60°
Flood Reflector / Frosted Dome:	90°

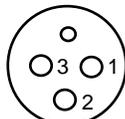
ELECTRICAL

Output:	150W
Input Voltage:	100V – 277V AC/DC
Operating Current:	1.40A (at 120V)
Starting Input Current:	3A peak for 5 seconds (at 120V)

Lamps

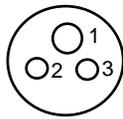
Color Temp:	4,000°K	7,000°K
Brightness:	10,160 Lumens	12,000 Lumens
Average lamp life:	6,000 hours	2000 hours

Connector: BH3MP, XSG-3-BCL, Burton 1503
Pin out:



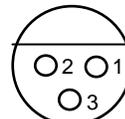
BH3MP

1 = Hot
2 = Neutral
3 = N/C



XSG3BCL

1 = Ground to shell
2 = Hot
3 = Neutral



1503

1 = Hot
2 = Neutral
3 = Ground to shell



Specifications subject to change without notice

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