

SeaLite® Sphere

3100, 5100, 5500, 6100, 6500



Patents Pending

FEATURES

Easy Direct Replacement of a Halogen Light

6000 m Depth Rated

Field-Serviceable Connector

Wider Range of Smooth Flicker-Free Dimming

**Improved Mounting Bracket with Titanium Inserts
Available in both Metric & Imperial Threads**

Operates In or Out of Water

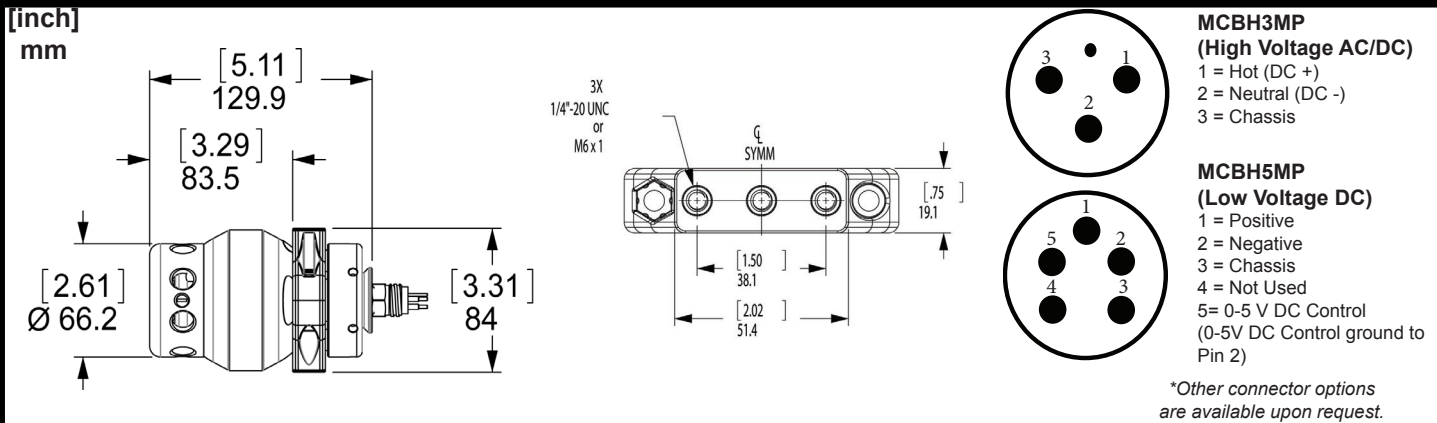
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SeaLite[®] Sphere 3100, 5100, 5500, 6100, 6500



	SLS-3100	SLS-5100	SLS-6100	SLS-5500	SLS-6500
Electrical Specifications					
Input*	10-36V DC 1.7A@ 24V DC 41 W	20-36V DC 3.3A @ 24V DC 80W	110-140VAC 120-150VDC 1.6A @ 120VAC typical 1.1A @135VDC typical	215 - 275V AC 275 - 375V DC 0.62A @ 220V AC Nominal (275V AC Max), 130W Max 0.32A @ 280V DC Nominal (375V DC Max), 130W Max	90-250 VAC (50/60Hz) 80-350 VDC 90W
Dimming	0-5V Control Loop (Standard) Variable Voltage (Optional)		AC Phase Control Dimmer & Variable Voltage (Variac)		AC Phase Control No Dimming while running on DC
Optical Specifications					
Lumens in Water (Flood Lights)	3,700 Lumens typical	6,200 Lumens typical	7,500 Lumens typical	5,000 Lumens typical	6,000 Lumens typical
True Lumens/Watt	90 lm/w	77 lm/w	50 lm/w	35 lm/w	67 lm/w
True Lumens/ Weight in Water	16 lm/g	27 lm/g	24 lm/g	16 lm/g	12 lm/g
Color	Day Light White (Other options available)				
Color Temp	Standard: 5000 K - 6500 K				
Beam Pattern in Water (FWHP)	Flood: 75°/Medium: 38°				
Color Rendering Index (CRI)	77 (Standard White LED's)				
Mechanical Specifications					
Body Material	Hard Anodized 6013-T8 Aluminum (Standard)				
Window Material	Sapphire				
Mounts	High Strength Mounting Collar with Titanium inserts [1/4"-20 or 6 mm Thread Sizes]				
Weight in Air	675 g [1.49 lbs]		796g [1.75 lbs]		975 g [2.15 lbs]
Weight in Water	227g [0.50 lbs]		314g [0.69 lbs]		485 g [1.07 lbs]
Environmental Specifications					
Depth Rating	Standard: 6,000m [20,000 ft]				
Crush Depth	8,964m [29,578 ft]				
Operation Temp	-10° C to 40° C [14° F to 104° F]				