

## 23W LED

### ➤ Features

- ✧ Depth Rating: 2,000 m
- ✧ Fully Dimmable
- ✧ Thermal Monitoring allows operation in air
- ✧ 50,000 hours LED lifespan



Input	12 to 28 VDC, 23 W
Dimming	0.5 V analog or 0-100% PWM (Opto. Isolation Inside)
Lumens in Integrating sphere	1,100 (1.4 A), 1,580 (2 A)
Luminous Efficacy	-
Color Temp	4,500 ~ 5,000 °K or 6,000 ~ 6,500 °K
Connector	MCBH5M (5 Pins) or Option
Beam Pattern	120°
Body Material	Hard Anodized 6061-T6 Aluminum
Windows Material	Acrylic
Dimension (w/o connector)	50 mm (1.97 in) Diameter 62 mm (2.45 in) Length
Depth Rating	2,000 m
Test Depth	3,000 m
In-air Weight	0.32 kg
Weight in water	0.14 kg
Operation Temp	-10°C ~ 50°C
Current Draw	1.98 A at 12 VDC

## Sea Bright series- SB-50/80/150W LED

### ➤ Features

- ✧ Depth Rating: 6,000 m
- ✧ High Performance and Quality of Light with greater than 45 lm/w (Luminous Efficacy)
- ✧ LED Brightness Control with 0-5 V or PWM Dimming
- ✧ Internal Thermal Protection (OTP)
- ✧ Power Consumption: 50,80,150W
- ✧ 50,000 hours LED lifespan



Spec / Model	SB-50/80	SB-150
Input	10-48 VDC, 50 W 24-48 VDC, 80 W	150 - 380 VDC, 150 W
Dimming	0.5 V analog or 0-100% PWM (Opto. Isolation Inside)	0.5 V analog or 0-100% PWM (Opto. Isolation Inside)
Lumens in Integrating sphere	-	6957 Lumens (@150 VDC)
Luminous Efficacy	-	46 lm/W
Color Temp	5606°K	5606°K
Connector	MCBH5M (5 Pins) or Option	MCBH5M (5 Pins) or Option
Beam Pattern	72°	72°
Body Material	Hard Anodized 6061-T6 Aluminum	Hard Anodized 6061-T6 Aluminum
Windows Material	Acrylic	Acrylic
Dimension (w/o connector)	82 mm (3.2 in) Diameter 145 mm (5.7 in) Length	82 mm (3.2 in) Diameter 145 mm (5.7 in) Length
Depth Rating	6,000 m (19,685 ft)	6,000 m (19,685 ft)
Test Depth	7,000 m (22,966 ft)	7,000 m (22,966 ft)
In-air Weight	0.82 kg	0.82 kg
Weight in water	0.4 kg	0.4 kg
Operation Temp	-10 °C ~ 40 °C (14 °F ~ 104 °F)	-10 °C ~ 40 °C (14 °F ~ 104 °F)
Current Draw	For 50 W, 1.5 A at 36 VDC For 80 W, 2.36 A at 36 VDC	1.07 A, 150 VDC