



## SpotLED EP series

- 8500, 14000, 18000 or 74000 lumen
- 65, 85, 130 or 530 Watt
- 4000, 6000 or 8000 meters depth rating
- Ideal for ROV / underwater inspections
- For dry & wet environments
- 24-48 VDC or 90-250 VAC
- Dimmable 0-5V / 0-10V / RS 232 / RS 485 / analogic



### BENEFITS

Lamp type	COB LED engine
Thermal protection	Yes
Rated depth	4000 / 6000 / 8000 meters
Operating temperature air/water	-20 to 40°C
Storage temperature	-30 to 70°
Dimming	0-5 / 0-10 VDC RS 232-485 (3-5 wire cable) or external mains power (2 wire cable)

### PERFORMANCE

	SpotLED EP8	SpotLED EP14	SpotLED EP18	SpotLED EP74
Light temperature	6500 °K	5000 °K	6500 °K	6500 °K
Color rendering index	80	80	80	80
Luminous flux output	8500 Lumen	14000 Lumen	18000 Lumen	74000 Lumen
Beam angle	110° wide or 48° spot	110° wide or 48° spot	110° wide or 48° spot	110° wide or 48° spot
Supply voltage	24/48 VDC or 90-250	24/48 VDC or 90-250V	24/48 VDC or 90-250V	24/48 VDC or 90-250VAC
Input power	65 W	85 W	130 W	530 W
Efficiency Lumen/W	130	164	138	140

### MECHANICAL

	SpotLED EP8	SpotLED EP14	SpotLED EP18	SpotLED EP74
Housing <sup>1</sup>	Alum 6082 T6	Alum 6082 T6	Alum 6082 T6	Alum 6082 T6
Finish <sup>2</sup>	Hard anodized black	Hard anodized black	Hard anodized	Hard anodized
Port <sup>3</sup>	Borosilicate BK7 glass	Borosilicate BK7 glass	Borosilicate BK7 glass	Borosilicate BK7 glass
Standard connector	BH3M / BH5M	BH3M / BH5M	BH3M / BH5M	BH3M / BH5M
Diameter Front/Body	76/64 mm	84/72 mm	84/72 mm	146/126
Length excl. connector	140 mm	140 mm	165 mm	185
Weight in air (Alum)	0.98 Kg	1.3Kg	1.6 Kg	5.5 Kg
Weight in water (Alum)	0.54 Kg	0.7 Kg	0.8 Kg	2.7 Kg

<sup>1</sup> Other materials upon request.

<sup>2</sup> Black anodized as standard, other colors upon request.

<sup>3</sup> Acrylic port also available.