

SAIS LED LIGHTS

BASIC WIDE ANGLE



The 24VDC SAIS LED FLOOD LIGHT is a rugged LED light designed for use in the most demanding underwater conditions . High efficiency LEDs produce crisp consistent color temperature light using a fraction of the energy consumed by conventional light sources. In the case of the SAIS LED light, 75 watts of input power produces more light than a 250 Watt halogen lamp. LEDs are far more rugged than conventional light sources and will provide many thousands of hours more maintenance-free operation than standard light sources. The flood version of the SAIS LED light features a wide beam angle that spreads the ~6000 lumen light output over 95 degrees. This provides wide, even illumination with no bright spots for even the widest-angle camera lenses. SAIS LED lights are 100% dimmable via analog or over Ethernet connection (“IP” versions only).

Technical Specifications

PHYSICAL	
Body:	Hard Anodized 6061-T6 Alloy and Acetal
Diameter (at Widest Point)	4.6 in (116 mm)
Window Material:	Acrylic
Overall Length (excluding connector)	7 in (178 mm)
Weight in Air	2.3lbs (1 kg)
Approx Weight in Water	0.6 lbs (0.3 kg)
Operating Depth	3280 ft (1000 m)
ELECTRICAL	
Nominal Power	75 Watts
Voltage	24 VDC (18 to 36 VDC)
Current	3.1 A
Dimming	0 - 100 %
OPTICAL	
Luminous Flux (approx)	6,000 lm
Luminous Efficacy	80 lm/
Color Temperature	6000 K
Color Rendering Index (CRI)	75
Average Service Life	50,000 hours
FOR IN WATER USE ONLY. DO NOT USE IN AIR.	