



# **AHL-LIGHT 70**

#### LED POND LIGHT

ahlbergcameras.com/products/lights/ahl-light-70



The AHL-LIGHT 70 is a robust LED pond light. It is used for powerful illumination of nuclear underwater work areas and fuel pools. The optimized reflector design increases the light output and ensures an even light distribution. The LED technology allows long-term operation and greatly reduced maintenance work compared to ordinary halogen lights.

# MORE INFORMATION ABOUT AHL-LIGHT 70

#### **APPLICATIONS**

- Underwater nuclear pond light
- Ideal for work in reactor and fuel pools
- The light is delivered with a power supply that is placed either in air (on the railing or on the wall) or underwater

#### **BENEFITS**

- 87 000 lumen light output
- Low maintenance costs due to its long life-time
- Overheating protection during unintended use in air
- FME approved design no loose parts can enter the pool water
- Power supply can be placed in air or underwater

#### **SPECIFICATIONS**

#### PHYSICAL CHARACTERISTICS

Width	282 mm
Length	422 mm
Height	106 mm
Weight	12.2 kg
Housing material	Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316
Front glass material	Hard coated polycarbonate

#### LIGHTING FEATURES

Туре	6 LED-Lights 100-240 VAC, 50/60 HZ, 480 W
Typical luminous flux	87 000lm @5000K, 83 000lm @ 3000K
Color rendering index	80
Color temperature	3000K or 5000K
Lighting angle	64° x 64°
Life time	>50 000 h

#### **ENVIRONMENTAL TOLERANCES**

Radiation tolerance (total dose)

Maximum temperature

60°, 70°C for short periods

We reserve the right to alter specifications without prior notice





### **CABLE FEATURES**

Maximum cable length

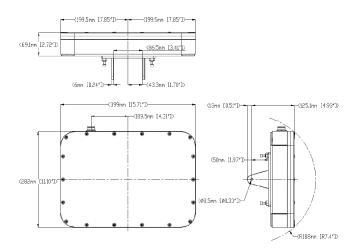
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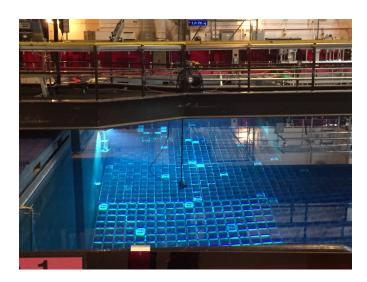
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## **AHL-LIGHT 70 IMAGES**









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