

AHL-LIGHT 50

ROBUST AND RADIATION-TOLERANT LED LIGHT FOR USE IN AIR AND WATER
ahlbergcameras.com/products/lights/ahl-light-50

The AHL-LIGHT 50 is a high-performance, radiation-tolerant industrial LED light, engineered for nuclear environments. With unique capability of operating in both air and water, AHL-LIGHT 50 is multiplying its work applications in irradiated areas. It features a luminous flux of 55 000 lumens at 3 000K or 58 000 lumens at 5 000K to 3 bars pressure at IP68 rating. Minimal maintenance is ensured by using LED technology with over 50 000 operational hours.

MORE INFORMATION ABOUT AHL-LIGHT 50

APPLICATIONS

- For mobile and permanent underwater and air use in fuel and reactor pools.
- For mobile and permanent in-air use in hot-cells, waste management facilities and NPP buildings.
- High-temperature tolerant lighting in reactor zones.
- 24/7 illumination in high radiation areas.

BENEFITS

- Multipurpose use.
- 58 000 lumen light output.
- Long-term use in air and underwater.
- Low maintenance costs due to its long lifetime.
- FME approved design.
- Different brackets and holders can be provided upon customer request to fulfill specific needs.

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Width	337 mm
Length	158 mm
Height	309 mm
Weight	9 kg
Weight under water	4.5 kg
Housing material	Anodized Aluminum (EN AW-6082 T6), Stainless steel (EN 1.4301)
Front glass material	Polycarbonate

LIGHTING FEATURES

Type	4 LED-Lights
Typical luminous flux	58 000lm @5000K, 55 000lm @ 3000K
Color rendering index	80
Color temperature	3000K or 5000K
Lighting angle	64°
Life time	>50 000 h

ENVIRONMENTAL TOLERANCES

Radiation tolerance (total dose)	50 000 Gy (5 000 000 rad)
Maximum temperature	50°

We reserve the right to alter specifications without prior notice

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CABLE FEATURES

Maximum cable length	40 m

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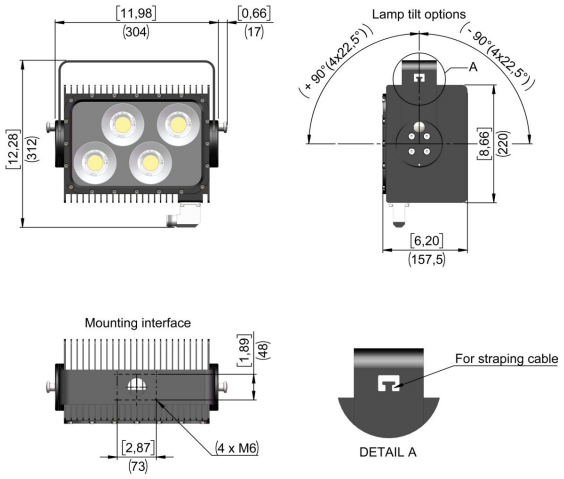
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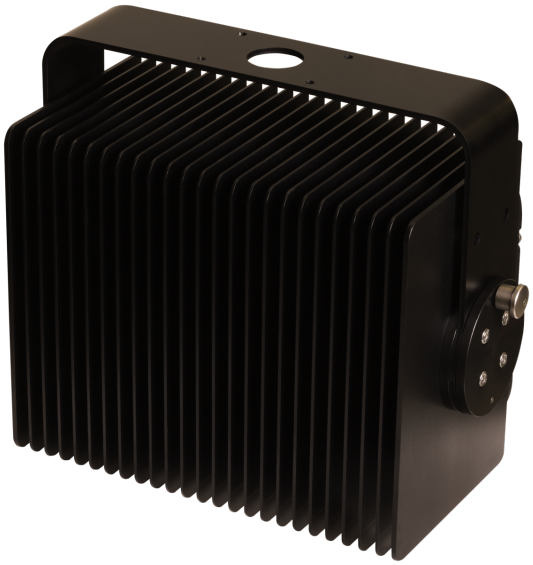
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AHL-LIGHT 50 IMAGES









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