

FEATURES

- **9000 Candelas total output with 10° beam.**
- **5000 Candelas total output with 30° beam.**
- **Robust waterproof housing withstands up to 5Bars of pressure.**
- **Crisp, continuous white light, even at low levels.**



DESCRIPTION

The LA-730 is a powerful underwater illuminator utilising the latest high-efficiency solid – state lights. Because of the efficiency of the light sources, the heat generated is considerably less than it would be from an incandescent lamp of equivalent output. Two modes of operation are provided – a reduced power mode for continuous operation in air and a “boosted” mode for underwater use, where the water provides cooling.

An additional benefit is that the lamp can be dimmed without change of colour temperature, so that it is ideal for use with colour cameras..

The maximum light output from the 30° model is 5000 Candelas, which gives an illumination of 5000 lux at 1 metre, 320 lux at 4 metres and 50 lux at 10 metres. This increases to approximately 7000 candelas when the higher current mode is selected for underwater use

The control unit is housed in a 2U rack-mounting module and is available in various configurations – it may contain supplies for up to four of the illuminators.

Controls on the front panel allow for the separate adjustment of the two sections of up to four lamps units, with potentiometers incorporating ON/OFF switches.

Operation of the unit is from a 50/60 Hz supply between 100 – 240V, with no need to make any adjustment for different supply voltages.

TECHNICAL DATA

PERFORMANCE

LIGHT OUTPUT:	Approx. 9000 Candelas @ 10° / 5000 Candelas @ 30°
COLOUR TEMPERATURE:	5000°K

INTERFACING

CONNECTORS:	Lemo 4 pole underwater connector.
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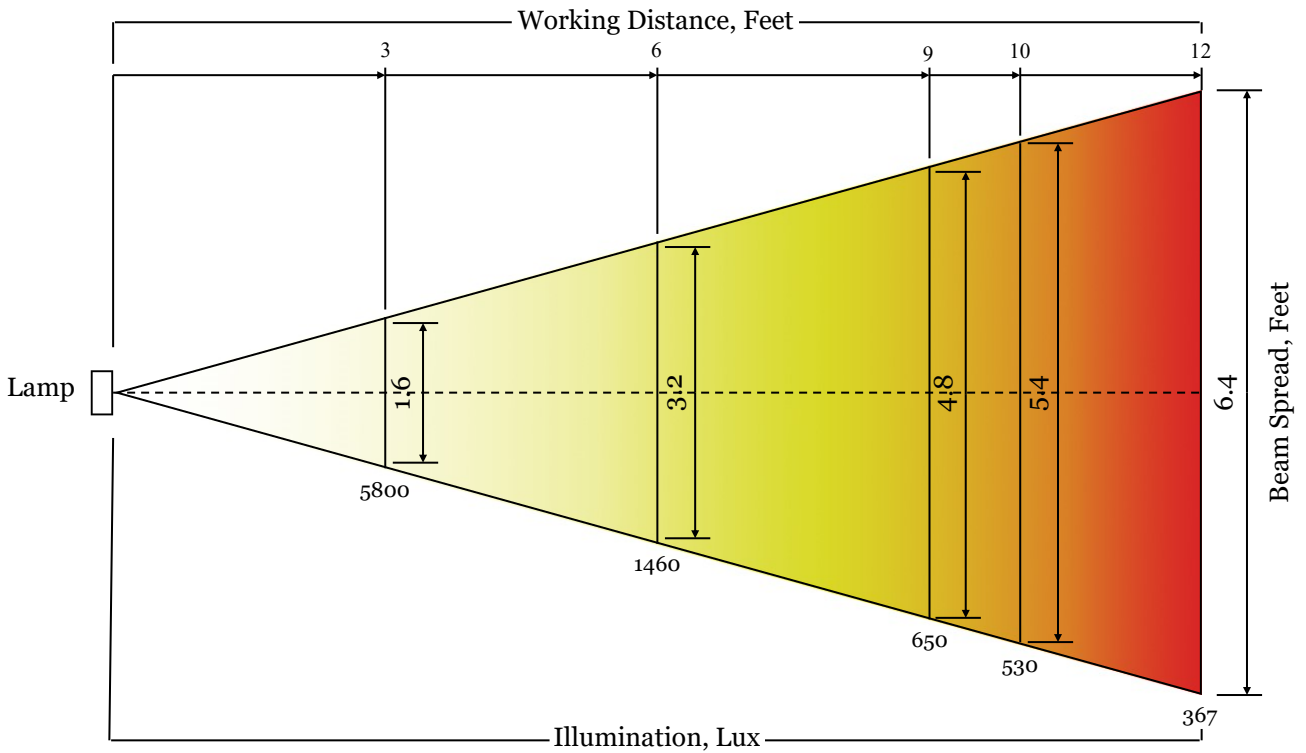
DIMENSIONS AND WEIGHT

DIMENSIONS:	178mm Ø x 62mm deep (excluding rear connector).
WEIGHT:	Approx. 2.5kg

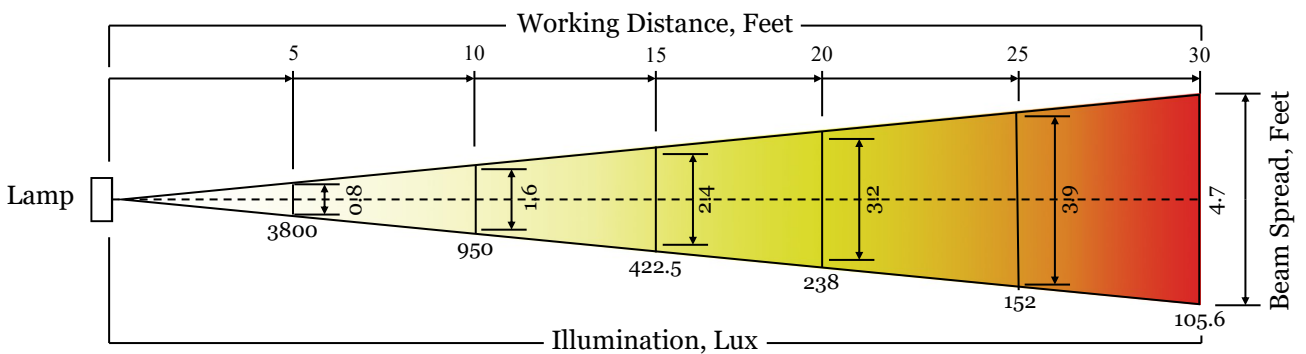
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ILLUMINATION VERSUS DISTANCE

30° Version, LA-730



10° Version, LA-710



NOTE: Multiply above lux figures by 1.4 for operation in "Underwater" mode

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