

PMLS

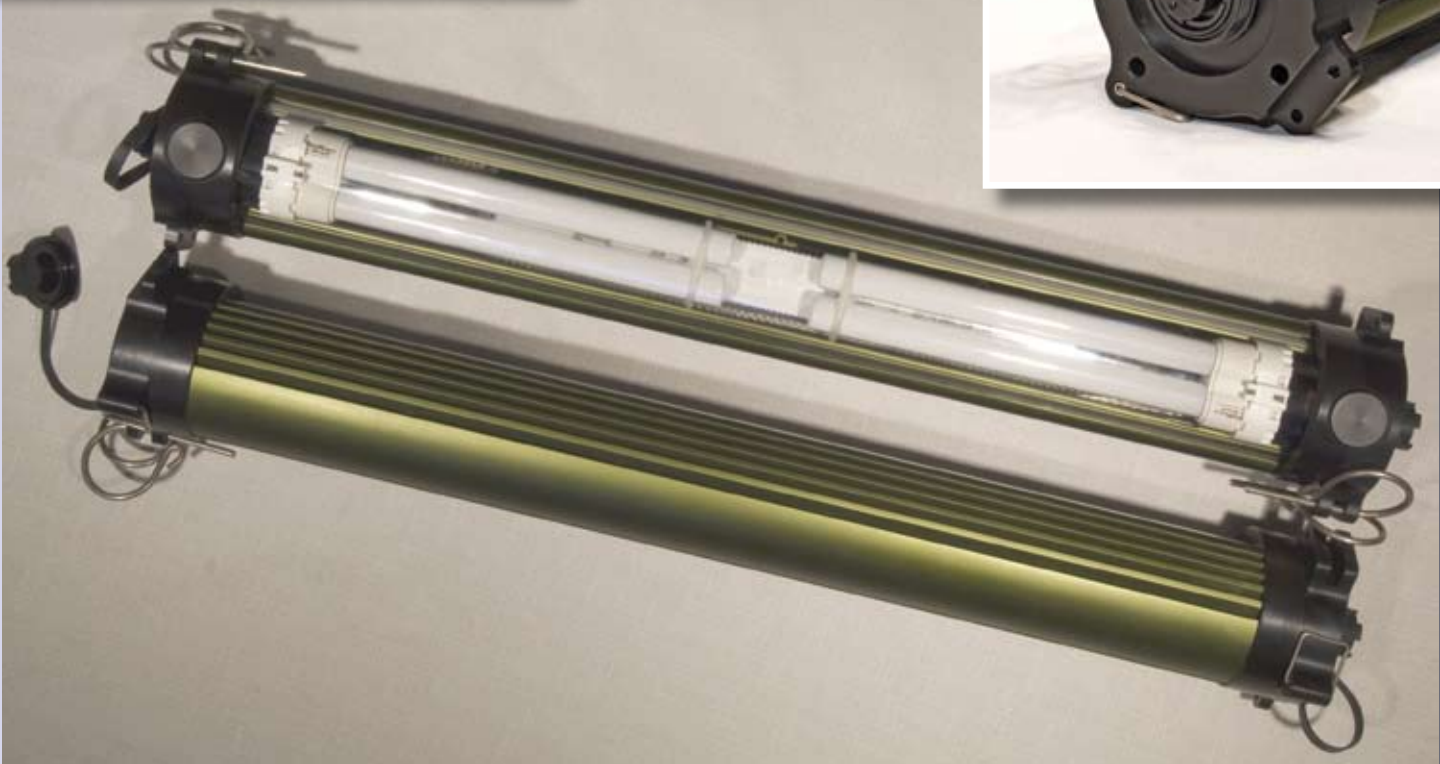
Portable Modular Lighting System

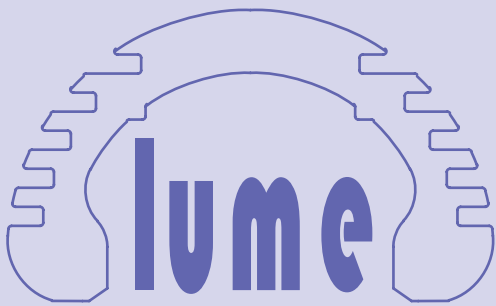
Fluorescent LU-PMFL

The "LUME" series of lights are designed to provide reliable and durable temporary lighting for Military and Disaster Management applications.

Key elements that determine usefulness in remote and harsh environments are wide input power acceptance; mechanical strength and sealing off the environmental hazards of moisture, gas and dust.

Each LUME Light is designed as a stand alone module which can be interlocked width-wise to form multiples of the basic unit as well as serial strings.





PMLS

Portable Modular Lighting System

Fluorescent LU-PMFL

FINISH:

Anodised in Blue, Black or Mil Green other colours available
Cabling terminated in Circ. Plugs to match IP 68 Sockets
Double Over-Knit 316 Stainless Steel Mesh Armour

POWER:

AC/DC 90 – 265 V 47 ~ 63 Hz *Optional LOW VOLTAGE DC 12 V*

DAISY CHAIN:

"Through Power System" (with General Purpose Outlet when in AC 110/240 mode)

Waterproof circular sockets at both ends of the Light provide either Power Inlet or Outlet for up to 15 additional Lights in series and can function as a power outlet at the end of the string.

The through power system allows lights to work downstream of a faulty unit reducing the possible loss of light.

TWIN LAMPS:

Each LUME PMFL luminaire consists of two compact fluorescent lamps that will continue to supply light should one become faulty or damaged. A designed redundancy to provide reliability and avoid critical blackout. Lamp Life :7000 hours Colours available: 27000 K 30000 K 40000 K

(SINGLE LAMP EQUIVALENT LIGHTING OPTION AVAILABLE)

FLICKER FREE:

The electronic ballast is flicker free and without stroboscopic effects
EMC immunity to EN 61547 RFI emission to EN 55015

MECHANICAL:

Immersion Proof Design makes the unit suitable for NBC decontamination spraying.

Extruded Aluminium Alloy and Polycarbonate construction gives strength, light weight and high tolerance to shock.

Operating Temperature: -40 deg C - 60 deg C

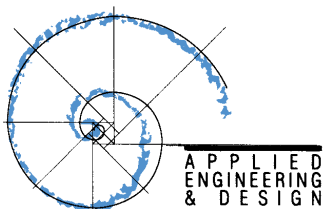
Immersion: IP68 if interconnection system used is LU.CA1&2

Finish: Anodised in Blue. Black, or Mil Green other colours available

Cabling terminated in Circ. Plugs to match IP 68 Sockets.

ACCESSORIES:

Transit Case for 3 or 6 units with cables.



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Patent Pending