

PMLS

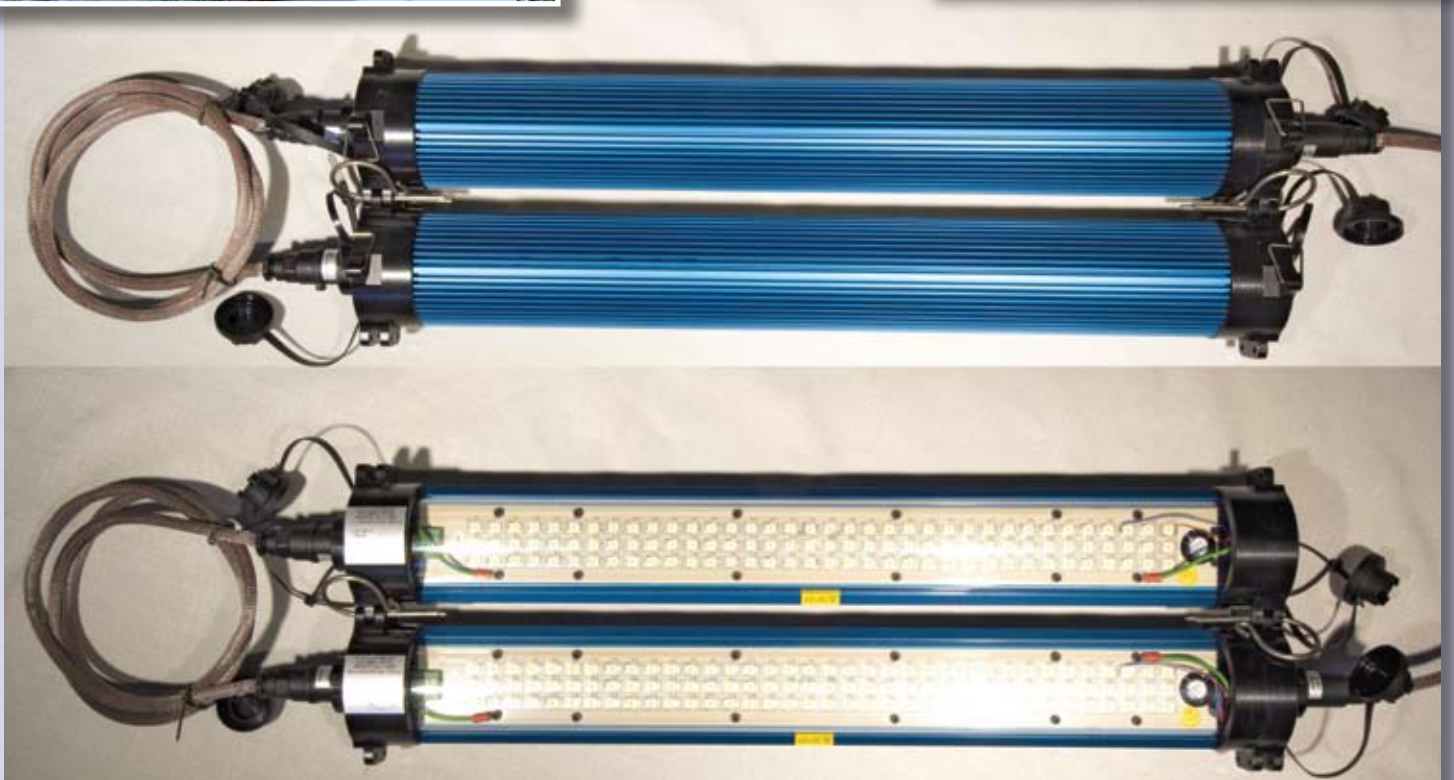
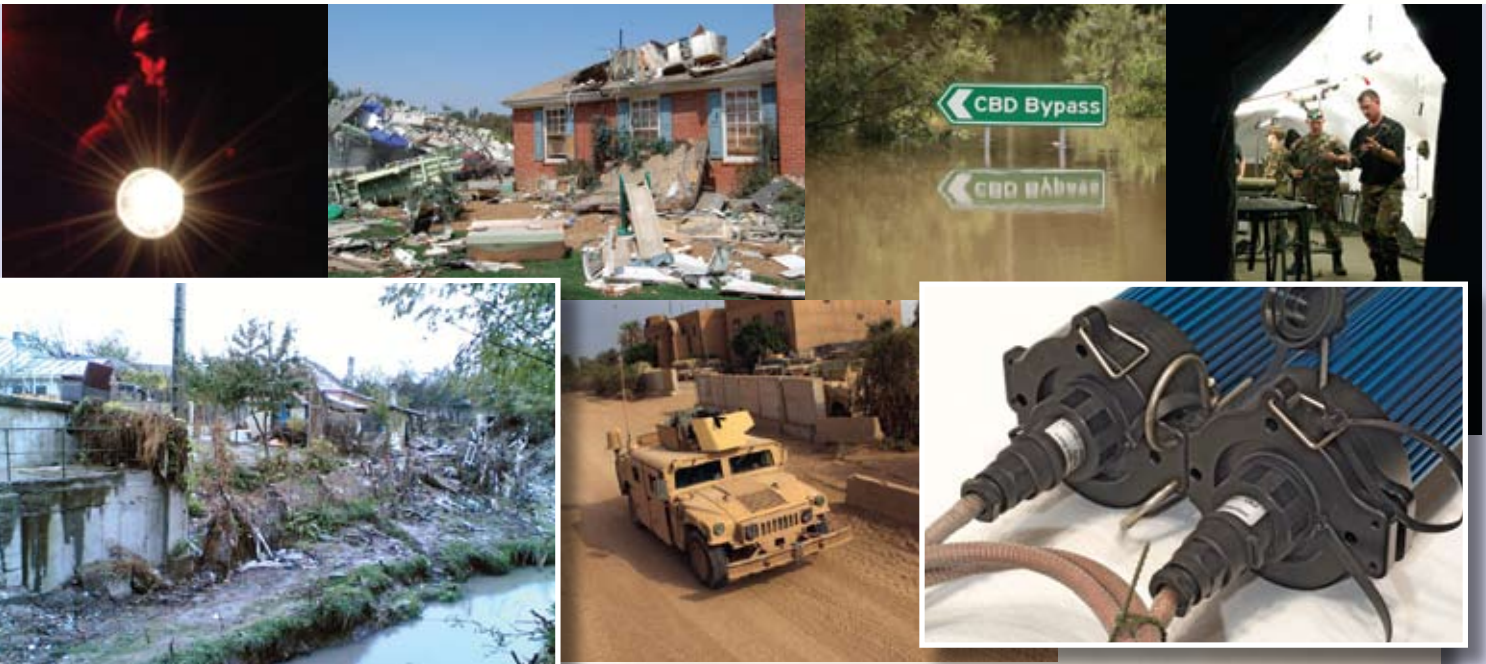
Portable Modular Lighting System

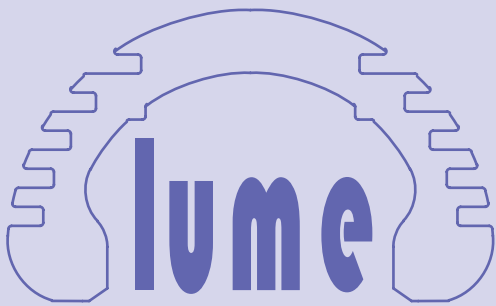
Solid State LU-PMSL

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

Solid State LU-PMSL

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 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 20 additional Lights in series and one 4 Amp power outlet for a 240 Volt system. The number of lights are halved for 110V with one 4 Amp power outlet.

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

GRADUAL FAILURE:

Each LUME panel is matrix composed of 36 individual cell groups independently supplied so that the panel can operate down to the last cell. The likelihood of total lamp failure at one instance is near impossible.

FLICKER FREE:

Solid State Lighting avoids undesirable strobe effects on rotating machinery.

MECHANICAL:

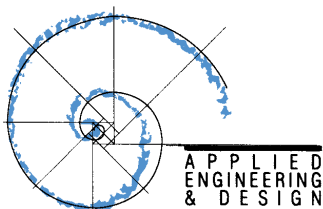
Immersion Proof Design makes the unit suitable for NBC decontamination spraying.
Extruded Aluminium Alloy and Polycarbonate construction gives strength, light weight and high tolerance to shock.

Operating Temperature:
-40 deg C - 45 deg C

Immersion:
IP68

ACCESSORIES:

Transit Case for 3 or 6 units with cables.



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Patent Pending