

SLIMLINE LED LIGHTING RANGE



As a result of its close collaboration with the armed forces, McGeoch has developed a new range of ultra-low profile compact and slimline LED lighting units designed specifically for harsh environments such as military personnel accommodation in and around hostile zones. The units feature IP68 sealing, wide temperature range and extremely rugged construction.

The primary white lighting uses high brightness white LED's which combine both high Lumen output with excellent colour rendering index. Efficient thermal engineering produces very low heat and high efficiency.

The range includes both blue and red blackout modes for night time eye-adaptation. An emergency lighting option adopts the same battery back-up system used on Royal Navy nuclear attack submarines which withstand 135g shock testing.

The flexible design provides integral controls, cable mounted controls or will react to input signals through the power cable. A 64 step dimmer is available with non-volatile memory so that the light will retain it's light setting when power is removed and re-applied.

Key Features:

- Very high intensity LED arrays with anti-glare diffuser
- Low heat emission, high efficiency
- Red and blue low level blackout modes
- Good colour rendering index (>85)
- Sealed ruggedised IP68 enclosure
- Cable mounted control handsets sealed to IP68
- Light weight portable design
- 3 hour continuous lighting from charged battery
- Fast charge mode is automatically activated when power is re-applied
- Continuous battery maintain charging when power is applied
- Battery / charging system derived from nuclear attack submarine emergency lighting units
- User replaceable battery pack
- A range of mounting styles are available
- Simple installation and wiring
- Immune to interference from communications and other electrical emissions



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