



modular LED Lighting system



LED Lighting

The Covertex LED Modular Lighting System provides essential light for any inflatable, framed or existing structures. Our system is highly robust, energy efficient, waterproof and extremely reliable – even in the most extreme conditions.

Designed for Flexibility

- Each lamp has two power outlets enabling a daisy chain set up with the ability to split off in different directions or adding additional lamps for improved lighting.
- Each lamp can be switched on or off without affecting other lamps on the circuit
- Multiple Velcro, cable tie and screw position points enable securing within any structure
- Robust, easy to use connections - reducing set-up time
- Waterproof for indoor and outdoor use
- Multiple power options: 9-33 Volt transformers, battery packs, or solar power
- Optional white/red combination lamps available for tactical applications
- Supplied with transformer, lamps, cables and robust storage case

CONTACT US

+64 9 836 8255 | sales@covertex.co.nz | www.covertex.co.nz



ENGINEERED FOR EFFICIENCY

- Each LED lamp provides high light output (1000 lumens) with minimal current draw (<10W)
- Ultra-low heat signature - surface temperature less than 10 watts
- Lightweight and compact for easy storage and transport
- Ultra-low energy requirements and longer life span equal long term cost savings

BUILT TO LAST

- Robust - fibre reinforced nylon construction for heavy duty applications
- Ultra-long life performance – 50,000 hours MTBF
- Serviceable design with replacement parts to provide low through life cost
- 3 year warranty

PROPERTIES

MATERIALS

- **Lens material:** UV resistant, enhanced impact acrylic
- **Body material:** Fibre reinforced nylon

ENVIRONMENTAL

- **Waterproofing:** IP67
- **Operating Temperature:** 40°C to +80°C (-50°F to +176°F)
- **Storage Temperature:** 40°C to +80°C (-50°F to +176°F)
- **Colour temperature:** 5000K (cool white)
- **Long life performance:** 50,000 hours MTBF
- **Low Voltage:** Safer working environment

MECHANICAL

- **Dimensions (LxWxH):** 262 x 133 x 63 (mm)
10.3 x 5.2 x 2.5 (in)
- **Weight:** 0.9kg (1.98lbs)
- **Range of sets:** Standard all white & white / red combination: 4, 6, 8 or 9 lamps

ELECTRICAL

- **Operating voltage:** 9 - 33V DC
- **Current draw:** <10W (<0.80A @ 12V / < 0.39A @ 24V)
- **Light output:** Standard all white lamp – 1000 Lumens
Combination white/ red lamp – 600 lumens
- **Low heat signature:** <10 watts
- **Blackout model:** Separate input line, voltage requirements as above
- **Voltage protection:** Spike protected to +500 volts

CERTIFICATIONS

- **Approvals:** CE, ISO 8846 (ignition protection)
- **New Zealand Reg No:** 415010
- **Australian Reg No:** 340738
- **EU Comm Des Reg No:** 001962085-0001