

# **BURNBRITE**

# **MODLITE**

## **LOW VOLTAGE LED**

PRODUCT BROCHURE



### **OVERVIEW**

***The Mod Lite combines a vibration and impact resistant polycarbonate tube with bright long life LEDs to illuminate the toughest environments.***

Suitable for portable use the versatile Mod Lite is also supplied with plastic mounting clips making it a great choice for work vans, trucks, machinery, boats, walkways, factories, camping and caravans.

The Mod Lite features crisp, white, flicker free LEDs that provide instant full brightness with no warm up time.

LED life is maximised through modular design which minimises heat concentration in longer length versions. This modulated system means that if a module fails the other modules remain illuminated to keep you working.

Brighter than fluorescent equivalents the Mod Lite also provides 50 per cent less power consumption and lasts years longer.

### **FEATURES**

- Zero RFI prevents any interference with radio transmission
- Slim design (36.5mm diameter) ideal for illuminating tool and storage compartments
- Flicker free crisp white LEDs (other colours available on request)
- Instant full brightness with no warm up time
- All models comply with EMC Standard AS/NZS4251.2
- Robust, vibration and impact resistant polycarbonate tube and endcaps
- IP66 moisture and dust resistant
- Cold temperature compatible
- Easily mounted with supplied clips

| 12VDC     |                  |         |                          |           |
|-----------|------------------|---------|--------------------------|-----------|
| Item Code | Catalogue Number | Modules | Cable                    | Power (W) |
| 142188    | MOD-1-12-DP      | 1       | 0.4m cable Deutsch plug* | 5         |
| 142192    | MOD-1-12-LP      | 1       | 6m cable lighter plug    | 5         |
| 142196    | MOD-1-12-2M      | 1       | 2m cable                 | 5         |
| 141189    | MOD-2-12-DP      | 2       | 0.4m cable Deutsch plug* | 10        |
| 142193    | MOD-2-12-LP      | 2       | 6m cable lighter plug    | 10        |
| 142197    | MOD-2-12-2M      | 2       | 2m cable                 | 10        |
| 142190    | MOD-3-12-DP      | 3       | 0.4m cable Deutsch plug* | 15        |
| 142194    | MOD-3-12-LP      | 3       | 6m cable lighter plug    | 15        |
| 142198    | MOD-3-12-2M      | 3       | 2m cable                 | 15        |
| 142191    | MOD-4-12-DP      | 4       | 0.4m cable Deutsch plug* | 20        |
| 142195    | MOD-4-12-LP      | 4       | 6m cable lighter plug    | 20        |
| 142199    | MOD-4-12-2M      | 4       | 2m cable                 | 20        |

| 24VDC     |                  |         |                          |           |
|-----------|------------------|---------|--------------------------|-----------|
| Item Code | Catalogue Number | Modules | Cable                    | Power (W) |
| 142176    | MOD-1-24-DP      | 1       | 0.4m cable Deutsch plug* | 5         |
| 142184    | MOD-1-24-LP      | 1       | 6m cable lighter plug    | 5         |
| 142180    | MOD-1-24-2M      | 1       | 2m cable                 | 5         |
| 141177    | MOD-2-24-DP      | 2       | 0.4m cable Deutsch plug* | 10        |
| 142185    | MOD-2-24-LP      | 2       | 6m cable lighter plug    | 10        |
| 142181    | MOD-2-24-2M      | 2       | 2m cable                 | 10        |
| 142178    | MOD-3-24-DP      | 3       | 0.4m cable Deutsch plug* | 15        |
| 142186    | MOD-3-24-LP      | 3       | 6m cable lighter plug    | 15        |
| 142182    | MOD-3-24-2M      | 3       | 2m cable                 | 15        |
| 142179    | MOD-4-24-DP      | 4       | 0.4m cable Deutsch plug* | 20        |
| 142187    | MOD-4-24-LP      | 4       | 6m cable lighter plug    | 20        |
| 142183    | MOD-4-24-2M      | 4       | 2m cable                 | 20        |

\* Deutsch plug connected pin1 to negative, pin 2 to positive

| SPECIFICATIONS              |   |                                     |        |                             |
|-----------------------------|---|-------------------------------------|--------|-----------------------------|
| Performance                 |   |                                     |        |                             |
| Modules                     | 1   | 2                                   | 3      | 4                           |
| Luminous flux               | 350lm                                     | 700lm                               | 1050lm | 1400lm                      |
| Luminaire total power       | 5W  | 10W                                 | 15W    | 20W                         |
| Luminous efficacy           | 120lm/W                                   |                                     |        |                             |
| Peak intensity @ 0°         | 90Cd                                      | 180Cd                               | 270Cd  | 360Cd                       |
| Beam angle to 50% intensity | 120°                                      |                                     |        |                             |
| Mechanical                  |   |                                     |        |                             |
| Modules                     | 1   | 2                                   | 3      | 4                           |
| Length                      | 350mm                                     | 660mm                               | 970mm  | 1290mm                      |
| Diameter                    | 36mm                                      |                                     |        |                             |
| Mass (excluding cables)     | 180g                                      | 340g                                | 510g   | 680g                        |
| General Specifications      |   |                                     |        |                             |
| Lamp                        | PCB mounted LED array, 12 LEDs per module | Correlated colour temperature (CCT) |        | 5000K                       |
| Lamp life to 70% output     | 50,000 hours                              | Colour rendering index (Ra)         |        | 80                          |
| Endcaps                     | Polycarbonate                             | Lens                                |        | UV stabilised polycarbonate |
| Operating temperature range | -20°C to +40°C                            | Protection                          |        | IP66                        |
| Cable entry                 | M12 gland                                 | Options                             |        | Mounting, cable lengths     |