

# **BURNBRITE**

## **ALPHALITE MAX**

### **MAINTAINED EMERGENCY**

PRODUCT BROCHURE

## **OVERVIEW**

*Hose it, drop it, bang it – Alpha Lite Max is engineered from every angle to make it the champion light for arduous construction, mining, tunnelling and manufacturing sites.*

Alpha Lite Max ME is a maintained emergency luminaire, designed for environments where temperature, sun exposure, moisture and dust are present and contact with moving objects is likely. All external materials are non-metallic and selected for impact strength and durability.

The standard Alpha Lite Max is supplied ready for use with a power lead fitted. It can also be configured with through-wiring for convenient end to end connection and customised for speciality applications.



## **FEATURES**

- Highly reliable, long life LED light source
- 2 hour maintained emergency
- IP66 rated construction
- Heavy duty extruded polycarbonate outercase
- Through-wired option
- Compact, non-metallic, robust construction
- Corrosion resistant and UV protected
- Impact absorbing injection moulded end caps
- Glanded cable entry
- Low temperature rise

## SPECIFICATIONS

### Electrical

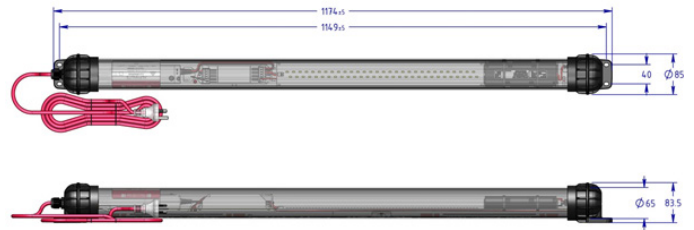
|                  |               |              |                            |
|------------------|---------------|--------------|----------------------------|
| Item code        | 162459        | Current (A)  | 0.09A                      |
| Catalogue number | ALM-22-240-ME | Power (W)    | 22W                        |
| Nominal voltage  | 240 VAC       | Power factor | 0.93                       |
| Voltage range    | 190-265 VAC   | Cable        | 6m with moulded 3-pin plug |
| Frequency        | 50/60Hz       |              |                            |

### Photometric

|                         |                          |  |          |
|-------------------------|--------------------------|--|----------|
| Lamp                    | 1x PCB mounted LED array | Luminous efficacy                              | 112 lm/W |
| Lamp life to 70% output | 50,000 hours             | SHR nominal                                    | 15       |
| Luminous flux           | 1800 lumens / 680 lumens | SHR maximum                                    | 1.67     |
| Luminaire power         | 16W / 6W                 | Emergency Mode C <sub>0</sub> -C <sub>90</sub> | D80 D25  |

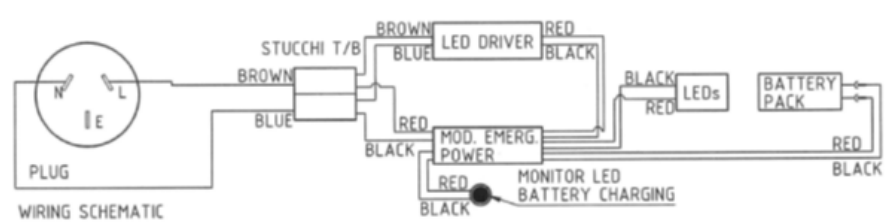
### Mechanical and Environmental

|              |                    |
|--------------|--------------------|
| Length (l)   | 1175mm             |
| Mounting (m) | (M8 max fasteners) |
| Mass         | 0.8kg plus cable   |



### Wiring Diagram

Can be 'through wired' in an array of AlphaLite Max for industrial and commercial lighting



### General Specifications

|                             |                                      |                                     |  |
|-----------------------------|--------------------------------------|-------------------------------------|--|
| Lamp                        | PCB mounted LED array x1 for 18W     | Correlated colour temperature (CCT) | 5000K  |
| Lamp life to 70% output     | 50,000 hours                         | Colour rendering index (Ra)         | 80   |
| Endcaps                     | Thermoplastic rubber (TPV)           | Lens                                | UV stabilised polycarbonate                      |
| Operating temperature range | -20°C to +40°C                       | Protection                          | IP66   |
| Certification               | IEC and CE                           | Cable                               | M16 gland with 2 core cables                     |
| Warranty                    | 2 years on materials and workmanship | Options                             | Alternative M20 and M25 gland and through-wiring |