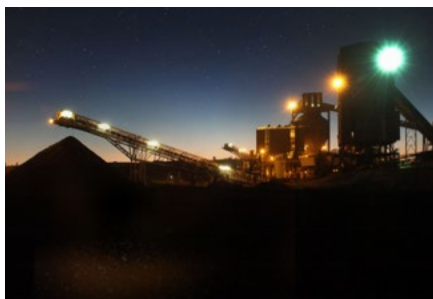


ALPHALITE^{MAX}

INDUSTRIAL LED LUMINAIRE



Product Overview

Hose it, drop it, bang it – Ampcontrol Burn Brite's 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 is a permanent or portable lighting solution, 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 single 60 LED array produces equivalent light to a 36W fluorescent lamp yet consumes less than half the power. Glare is minimised through internal prisms moulded into the outer case, producing an effective and efficient light distribution without the light absorption of an opal diffuser.

Alpha Lite Max boasts highly energy efficient LED technology and wide operating voltage range LED drivers produce constant output resulting in uniform brightness over long cable runs.

Alpha Lite Max is available as a single (18W) and twin (36W) luminaire. These produce equivalent light to 1x36W and 2x36W

fluorescent lamps respectively. Electronic LED drivers have been developed for 240VAC, 32VAC and 12-24VDC. The lights are on instantly and deliver full light output with no warm up period.

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 specialty applications.

Features

- Highly reliable, long life LED light source
- Low energy draw with wide operating voltage range drivers
- IP66 sealed, heavy duty extruded polycarbonate outercase
- Compact, non-metallic, robust construction
- Corrosion resistant and UV tolerant materials
- Impact absorbing injection moulded end caps
- Glanded cable entry
- Designed and assembled in Australia
- Low maintenance
- Low temperature rise

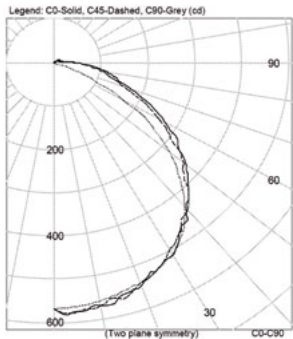
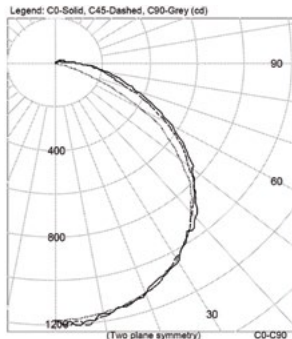


For more information visit burnbrite.com

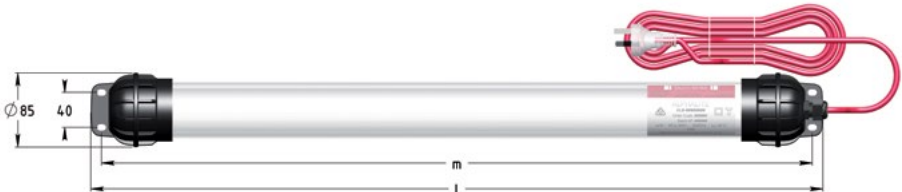
Specifications

| Alpha Lite Max | 18W | | | 36W | | |
|----------------|--------|--------|----------|--------|--------|----------|
| Voltage | 240VAC | 32VAC | 12/24VDC | 240VAC | 32VAC | 12/24VDC |
| Product code | 162457 | 171663 | 170006 | 162458 | 171664 | 170007 |

Performance

| | | |
|-------------------|---|---|
| Luminous flux | 1800lm | 3700lm |
| Luminaire power | 16W | 33W |
| Luminous efficacy | 112lm/W | 112lm/W |
| SHR nominal | 1.5 | 1.5 |
| SHR maximum | 1.67 | 1.7 |
| Polar curves |  <p>Legend: C0-Solid, C45-Dashed, C90-Grey (cd)</p> <p>(Two plane symmetry) C0-C90</p> |  <p>Legend: C0-Solid, C45-Dashed, C90-Grey (cd)</p> <p>(Two plane symmetry) C0-C90</p> |

Mechanical

| | | |
|--------------|--|---------------------------|
| Length (l) | 840mm | 1460mm |
| Mounting (m) | 820mm (M8 max fasteners) | 1440mm (M8 max fasteners) |
| Mass | 0.8kg plus cable | 1.6kg plus cable |
| Dimensions |  | |

Electrical

| Alpha Lite Max | 18W | | | 36W | | |
|----------------|----------------------------|------------------------------|-----------|----------------------------|------------------------------|-----------|
| Voltage | 240VAC | 32VAC | 12/24VDC | 240VAC | 32VAC | 12/24VDC |
| Voltage range | 90-265VAC | 26-38VAC | 10-30VDC | 90-265VAC | 26-38VAC | 10-30VDC |
| Frequency | 50/60Hz | 50/60Hz | DC | 50/60Hz | 50/60Hz | DC |
| Current | 0.07A | 0.8A | 1.5/0.75A | 0.15A | 1.6A | 3/1.5A |
| Power | 17W | 17W | 18W | 34W | 34W | 36W |
| Power factor | 0.93 | 0.63 | - | 0.93 | 0.65 | - |
| Cable | 6m with moulded 3 pin plug | 6m with moulded T - pin plug | 1m 2 core | 6m with moulded 3 pin plug | 6m with moulded T - pin plug | 1m 2 core |

General specifications

| | | | |
|-------------------------|---|-------------------------------------|--|
| Lamp | PCB mounted LED array x1 for 18W, x2 for 36W | Correlated Colour Temperature (CCT) | 5000K |
| Lamp life to 70% output | 50,000hrs | Colour Rendering Index (Ra) | 75 |
| Endcaps | Thermoplastic Rubber (TPV) | Lens | UV Stabilised Polycarbonate |
| Temp range | -20°C to 40°C | Protection | IP 66 |
| Certification | IEC and CE | Cable | M16 gland with 2 core cable |
| Warranty | 2 years on materials and workmanship | Options | Alternative M20 & M25 gland and through-wiring |