BURNBRITE ALPHALITE MAX

PRODUCT BROCHURE

OVERVIEW

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

AlphaLite 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.

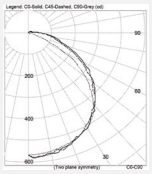
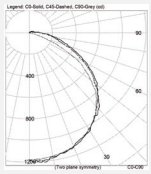
The standard AlphaLite Max is supplied ready for use with a power lead fitted. It can also be configured with through-wiring for convenient end to end connection and customised for speciality applications.

FEATURES

- Highly reliable, long life LED light source
- Wide operating voltage range drivers
- 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						
	18W			36W		
Item Number	162457	171663	170006	162458	171664	170007
Catalogue Number	ALM-18-240	ALM-18-32	ALM-18-24	ALM-36-240	ALM-36-32	ALM-36-24
Nominal Voltage	240 VAC	32 VAC	12/24 VDC	240 VAC	32 VAC	12/24 VDC
Voltage Range	90-265 VAC	26-38 VAC	10-30 VDC	90-265 VAC	26-38 VAC	10-30 VDC
Frequency	50/60Hz	50/60Hz	DC	50/60Hz	50/60Hz	DC
Current (A)	0.07A	0.8A	1.5A/0.75A	0.15A	0.07A	3A/1.5A
Power (W)	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

Photometric		
Lamp	1x PCB mounted LED array	2x PCB mounted LED array
Lamp life to 70% output	50,000 hours	50,000 hours
Luminous flux	1800 lumens	3700 lumens
Luminaire power	16W	33W
Luminaire efficacy	112 lm/W	112 lm/W
SHR nominal	1.5	1.5
SHR maximum	1.67	1.7
Polar curves		

Mechanical and Environmental		
Length (l)	840mm	1460mm
Mounting (m)	820mm (M8 max fasteners)	1440mm (M8 max fasteners)
Mass	0.8kg plus cable	1.6kg plus cable

General Specifications			
Lamp	PCB mounted LED arrax x1 for 18W, x2 for 36W	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