

BURN BRITE IS LED



Ampcontrol's Burn Brite Intrinsically Safe LED Light is designed for hazardous area mining and tunnelling applications including longwalls.

Burn Brite IS LED lighting system is designed with safety and ease of maintenance in mind.

Suitable for use in longwall lighting, on and around machinery and roadways and during maintenance the system is modular in design making it quick and easy to install and remove and able to be customised to suit specifications.

The light is designed using moulded high impact strength, static dissipative and fire retardant nylon, with a clear visor moulded in polycarbonate and fitted with o-rings for moisture protection and encapsulated to prevent moisture ingress and assist in heat dissipation.

The lights are magnetically mounted for ease of replacement, with optional secondary securing through roof welded pins and 'R' clips, or a stainless steel wire lanyard. Optional tilt brackets can be mounted magnetically to the same footprint.

Available in a range of colours, each light includes six high powered LEDs that produce the equivalent light to an 11 Watt fluorescent lamp.

FEATURES

- Six high intensity, long life LEDs
- Dual plug-in IP67 connectors
- Low profile, magnet mounts
- Compact enclosure
- Anti-static moulded plastic body
- Stainless steel backing plate
- Secondary mounting holes



Specifications

Certificates / Approvals

IECEX Certificate Number	IECEX TSA 08.0042X Ex ia I
ATEX Certificate Number	Baseefa 09ATEX0208

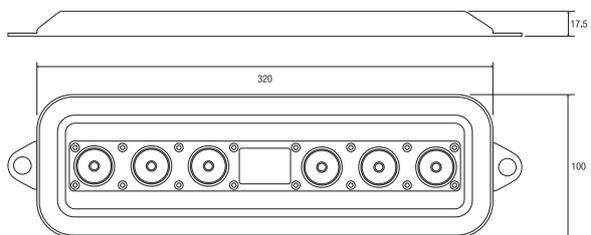
Electrical

Light	LED
Voltage	12VDC
Current	500mA
Power	6W

Photometric - White only

Intensity	168 Cd [pk]
Illuminance	42lux (at 2m)
Beam angle	90°
Colour temperature	5,000K

Mechanical and Environmental

Dimensions (L x W x H)	320mm x 100mm x 17.5mm	
Mass	Approx. 900g	
Ingress protection	IP66	
Operating temperature	-20°C ≤ Ta ≤ +40°C	

Ordering code	Description
163266	IS LED - White
163272	IS LED - Green
163273	IS LED - Red
176155	IS LED - Blue