

APPROVALS:

- IECEx
- IEC60079-0
- IEC60079-07
- IEC60079-11



OUR COMPANY...

Serving the mining industry since 1983

Austdac have specialised in mining and material handling solutions for over 25 years making it a leading global supplier of conveyor monitoring, control and communication systems with installations on every continent. This year celebrating 30 years of service.

We have over 2000 conveyor and 100 longwall installations with some in operation for over 15 years. Our commitment to our customers and engineering not only allows access to the latest safety technology and solutions; it provides backwards compatibility with existing installations providing upgrade paths to greater functionality and efficiency at a lower cost of ownership.

Austdac is now part of the Hubbell Harsh & Hazardous group which gives us access and representation worldwide. Our head office is in Sydney, Australia with branch offices in Mackay, Queensland; Pittsburgh, USA and Burton Upon Trent, UK.

Today with over 100 employees behind our products, Austdac provides solutions that are proven, tested and trusted by the world's largest and most demanding mines, power stations and port facilities.

Austdac staff has years of experience in designing conveyor monitoring, control and communication systems so please contact Austdac for your system design.



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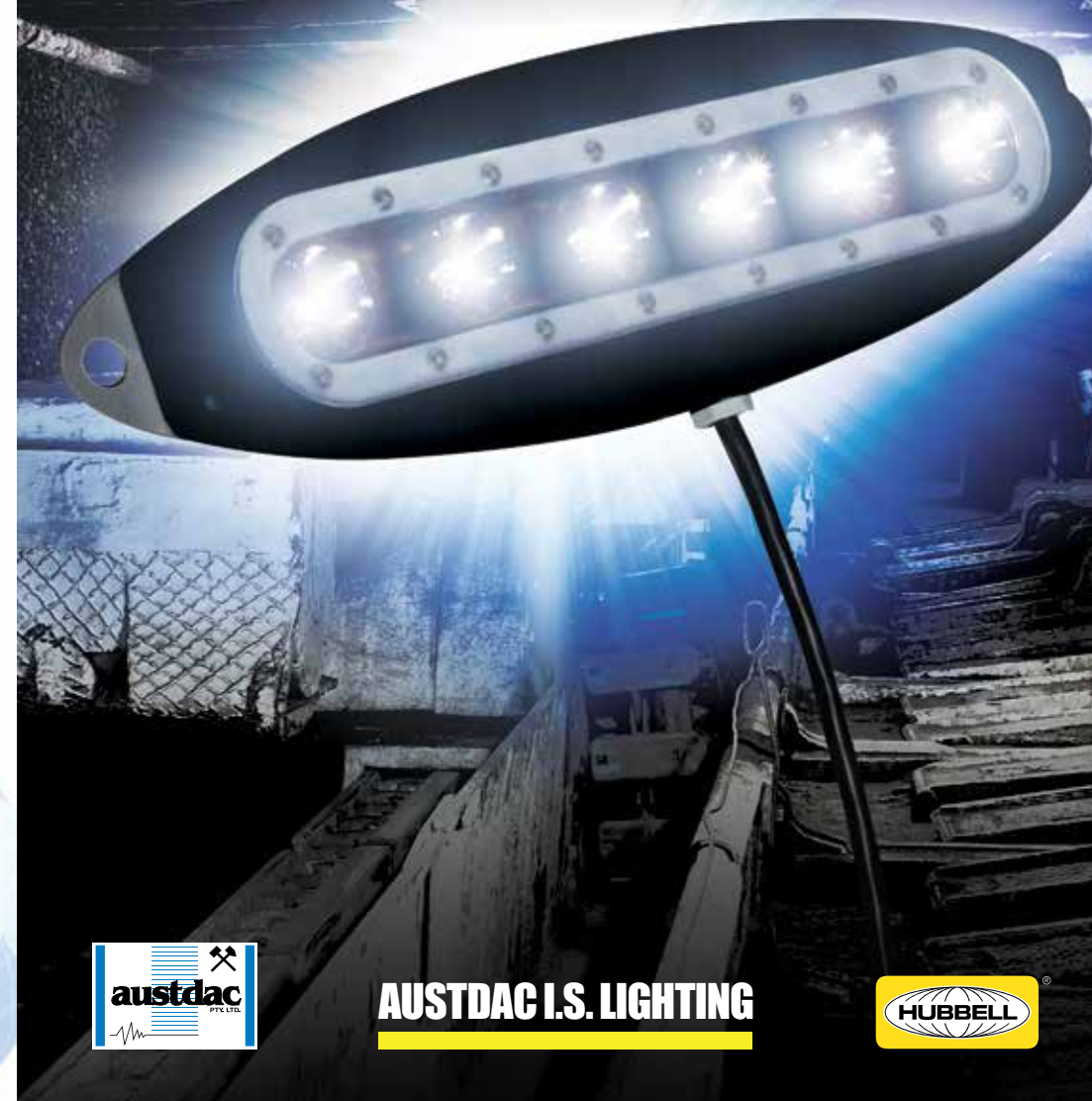
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AUSTDAC INTRINSICALLY SAFE LED LIGHTING SYSTEM



AUSTDAC I.S. LIGHTING



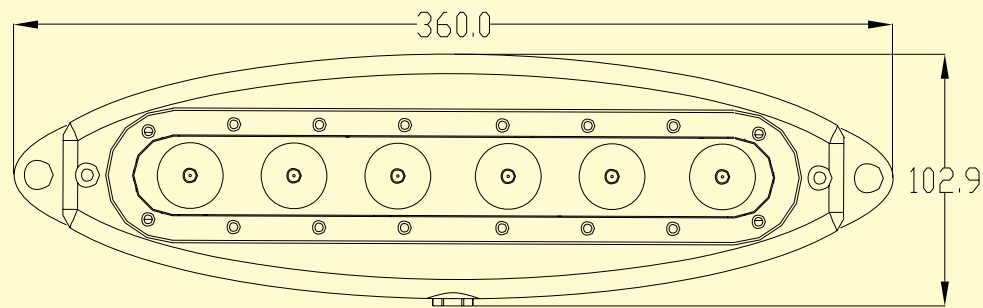
AUSTDAC INTRINSICALLY SAFE LED LIGHTING SYSTEM

ABOUT

The Austdac Intrinsically Safe LED lighting system has been designed to be used in an underground hazardous area. It is particularly applicable to longwall installations.

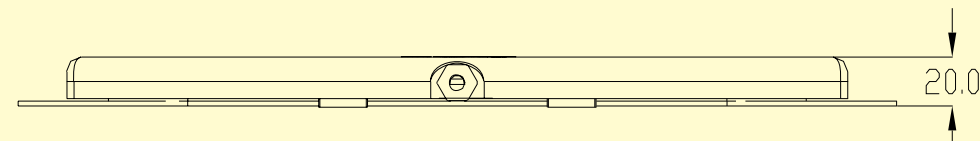
LED lighting provides greater light output than fluorescent lighting with increased reliability and robustness.

The LED lighting system consists of an Austdac Power Supply, Junction Box and 4 LED Light Heads.



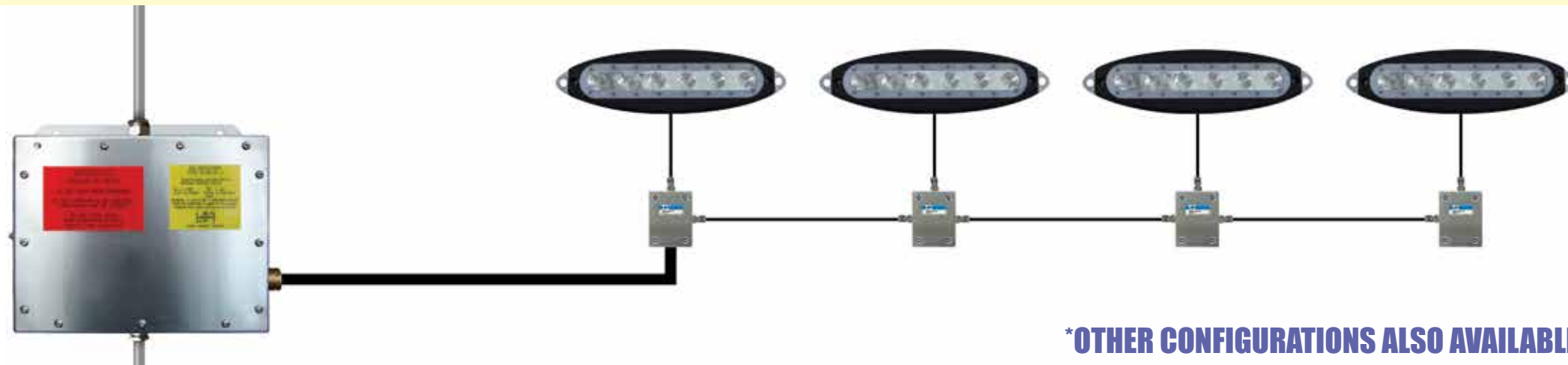
Light Head

- The LED light head contains 6 high efficiency LEDs mounted in an IP66 anti-static plastic moulding. The LEDs are fitted in a reflector to help maximise light output.
- Each LED light head is fitted with a cable and an IP66 connector for ease of installation and service.
- The LED light head has a backing plate fitted with magnets for easy installation onto any metallic structure as well as bolt mounting holes for fitting onto non-metallic structures.
- 6 CREE Cool white LED in the colour range 5000-6700K.
- Luminance 20lx (at 2m)
- Beam Angle 90 degrees
- Colour Temperature 5000 – 6700K
- Dimensions 360 x 102.9 x 20mm
- Mass 850g



Power Supply

- Universal input suitable for 85 to 240VAC operation which will reduce inventory and simplify change out
- Intrinsically safe Ex ia output that provides 12.6V and configurable output current up to 3 amps maximum
- Improved combined output parameters Lo, Lo/Ro and Co provide increased flexibility when interfacing loads and cables
- New transient suppression input circuitry that eliminates inrush current and reduces troublesome ruptured input fuse issues
- Reduced unit size of 80mm x 215mm x 105mm is 75% the volume of the AC25W and AC30W power supplies
- Unique triplicated non-series active current limit circuits provide an easy to use rectangular output voltage-current characteristic that facilitates constant voltage right up to the maximum output current
- Ex ia zone 0 rating with rectangular output characteristic
- Designed for improved maintenance to reduce servicing costs
- IECEx and ATEX certification



***OTHER CONFIGURATIONS ALSO AVAILABLE**

