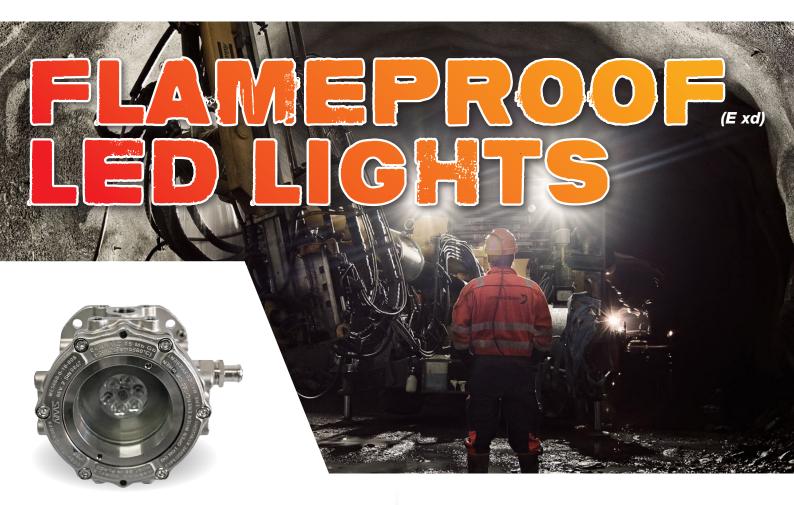
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SPECIFICATIONS AND APPROVALS

IECEx: IECEx ITA 12.0007X



ATEX: FM13ATEX0088X



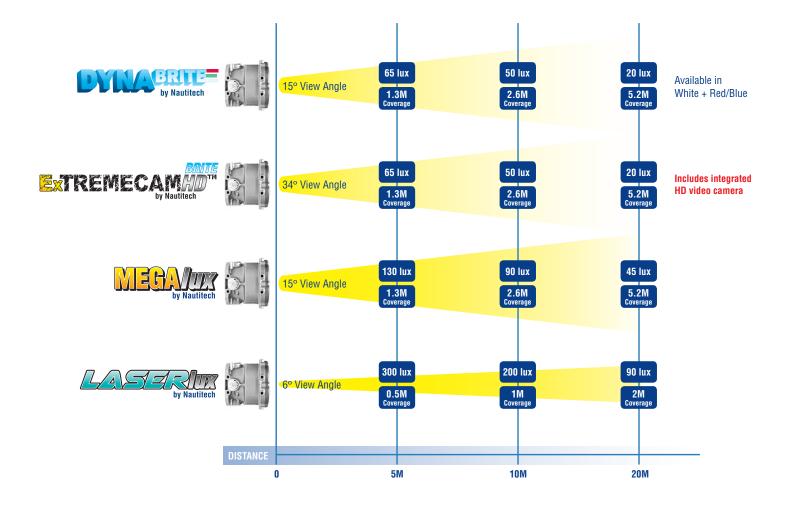
MASC: MASC MS/14-0066X



Flameproof lights V1.1

SPECIFICATIONS

Performance



Electrical

- ✓ Supply voltage = 12V 24V AC/DC
- ✓ Power <= 9.5W (Mega Lux and Laser Lux)</p>
- ✓ Power <= 4.5W (Dyna Bright and Bright CAM)</p>

Environmental

Operating temperature Storage temperature Shock Bump Vibration Humidity -40°C to +60°C External temperature -55°C to +95°C External temperature 50G – 3Axis 15G – 3Axis Random Vibration 3 Axis (7Hz-500Hz) 5 – 95% non-condensing

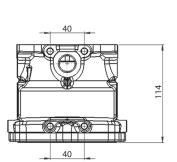
IEC 60068-2-6 - Sinusoidal Resonance MIL-STD810G - Random Vibration IEC 60068-2-27 – Bump and Shock Test

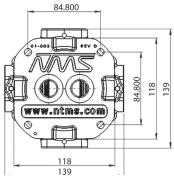
SPECIFICATIONS

Physical

- ✓ Robust 316 S/S enclosure
- ✓ IP66 (Ingress Protection rating)
- ✓ Multiple colours available (Dynabrite)
- ✓ Switching according to vehicles direction (Dynabrite)
- ✓ Multiple rear and side gland entries
- ✓ Australian designed, certified and assembled
- ✓ Lights can be made dimmable by request

Please contact Nautitech regarding cable specifications for your unique application.









e.g. Red LED

APPLICATIONS



Suggestions: Shuttle car, loader, grader, man transporter, shearer carrier

- The perfect LED head light for mobile plant
- Built to withstand heavy vibration and impact
- Long lasting LED globes
- Compact enclosure length





- High resolution 2048 x 1536 HD camera
- 2 In 1 reduces total expenditure on lights & cameras
- Free up machine space by using fewer enclosures
- Reduce installation & maintenance labour

MEGAVOX by Nautitech

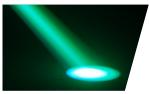


Suggestions:

Shearer, continuous miner, shotcreter, pump stations, main power supply sub stations, surface loading tunnels and conveyor transfer points.

- View the coal seam start and end points more clearly
- Improved vision in the presence of coal dust and water sprays





All the features of the Megalux plus more power and a narrower beam.

A intense 'laser beam' like light for extreme clarity of tunnel walls, the coal seam, transfer points or anywhere that can benefit from acutely concentrated lighting



Nautitech specialises in electronic equipment for mine sites and hazardous areas. Our product range includes methane safety systems, thermal and HD cameras, lights and a power-line modem. We have a history of creating 'industry firsts' for products in the underground coal sector, and are known for the dependability of those products.



"The people at Nautitech have a very helpful and hands on approach, the culture is very positive" – Dave, DJC Industrial.

IMPORTANT:

Every installation of lights and cameras is unique and it is critical that the right equipment is used. Nautitech supplies everything needed in a kit, however if you decide to complete the installation yourself, Nautitech can not be responsible for any reduced performance. Always consult Nautitech regarding installation, training, cabling, and configuration of your lights and cameras.

Our service and product support team can be reached on 02 9899 6857 or by email: service@ntms.com

Nautitech is wholly Australian, our technology is designed and manufactured in house: • The First widely adopted methane shutdown system.

- The First broad band power line modem to take real time data from the face.
- The First electronic diesel engine packages for hazardous areas.
- The first thermal camera for use in hazardous areas.

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