

Gilbert Gray & Co Pty Ltd

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No compromise on light performance



DL16 Caplamp

*All new LED / Li-Ion High Performance Caplamp
The Worthy Successor*

Backed by Oldham's vast experience in building solid, reliable caplamps with top notch light performance, the DL16 features:

- **LED Technology** and light performance that will eclipse even the 'G' series miners have relied upon for many years and leaves the others in the shade.
- **Light Weight Headpiece**
- **Dual Reflector Technology** – Optimum focus of LED for precise and intense illumination
- **Reduced Maintenance Costs** – LED life of 10000 hours is up to 15 times a halogen bulb.
- **Lightweight Lithium-Ion Battery** – 0.7kg, maintenance free design. No memory effect, long shelf life.
- **A Battery with Capacity to Burn** – up to 12 hours – and run your ventilated helmets.
- **Economical Cost of Ownership**
- **Ease of Installation.** Minimal changes required to existing 3 stage charging equipment

Certified for Coal Mines.

- IECEx Certification – IECEx ITS 08.0019
- ANZEx Certification – ANZEx 07.4049X

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‘D’ (LED) Headpiece



Oldham is proud to continue lamp innovation with the worlds most advanced focused LED powered caplamp, which gives superior lighting performance in a headpiece requiring minimal maintenance.

Specification

Number of LEDs	2 (1 main, 1 auxiliary)
Main LED rating	3 watts – 53 lumens for 12 hours
Auxiliary bulb rating	0.08 watts
Type of cable	Flexible twin core short lay, polychloroprene sheath
Max. beam intensity	10000 cd
Angle over which intensity is not less than 1 candela	120
Burning time with auxiliary light	500 hours (when used with an Oldham T Megalight or L16 Battery)
Fuse rating	3A
LED life	10000 hours
Certification	ANZEx 07.4049X (for use with L16 and T5 Batteries)

The unique feature of the D-Type LED Lamp is the 2-part reflector. Because of the nature of light emission from an LED, Oldham has developed this unique reflector to specifically reflect in a way that matches the industry standards set by the Oldham G-Type Headpiece



‘L16 (Li-Ion) Battery

Length of battery (at base / at lid)	111 / 152 mm
Height (terminals / cover)	95 / 125 mm
Width	55 mm
Battery case & cover material	Polycarbonate
Nominal Battery voltage	4.20 v
Working battery capacity to 3.7v	16 Ah
Weight (battery / complete lamp)	0.7 kg / 0.96 kg
Cycle Performance	> 600 cycles (Cycle tests indicate over 85% of original capacity will still be achieved after 800 cycles)

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