



WOLF FLUORESCENT LEADLAMP



- ATEX Approved for Zones 1 & 2 explosive Gas & Dust atmospheres
- Fitted with plugs and sockets, linkable in series
- Twin or Quad lamp configuration
- Control Ballast incorporates 'End of Life' protection circuit
- Uses standard Compact Fluorescent Lamps for ease of maintenance
- Wide Voltage Range 24V – 254V
- Integrated Unistrut compatible mounting points
- Compact and robust design



LL-500

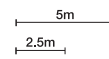
2x 36W CFL (approx 180°)

4x 36W CFL (approx 360°)

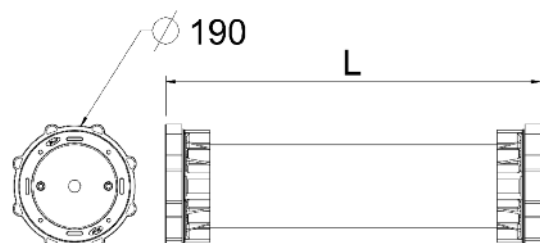
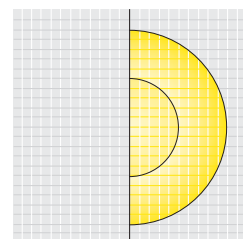
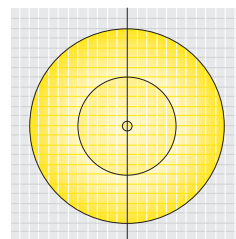
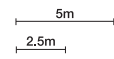
Peak luminous intensity at 2.5m 138 lux

Peak luminous intensity at 5m 36 lux

4x 36W



2x 36W



The Wolf ATEX Portable Fluorescent Luminaire is CE marked to the 94/9/EC ATEX Equipment Directive, allowing safe use in Zone 1 (Cat 2) IIC potentially explosive gas, vapour, mist and dust atmospheres, where a T3/T4 temperature class permits.

Available with twin side by side forward facing, or quad back to back for 360° illumination 18W, 36W or 55W energy efficient fluorescent lamp combinations in a wide range of voltages (24V – 254V) the luminaires are suitable for a multitude of applications where a temporary light is required for extended periods of time inside a potentially hazardous area.

The Luminaires can be supplied with direct cable entries or fitted with ATEX plugs/sockets to allow

the units to be instantly linked in series (plug and play), allowing for quick and easy installation over a large area.

Unistrut compatible mounting points located on the lamps provide flexible installation of the luminaires quickly and easily by fixing in position on pipes, scaffold or a ferrous backdrop with magnetic fixings.



Easy maintenance is a key feature of Wolf Portable Fluorescent Luminaires, re-lamping is simple and quick using standard compact fluorescent lamps readily available from electrical retailers. The operation takes no more than a few minutes and can be done by a competent electrical engineer.

Rugged construction, and compact design allow lights to be connected together in the explosive atmosphere while energised. A hanging/carrying strap is supplied as standard. Portable versions are supplied with an anti-static protective coating.

Compliant with the ATEX Equipment Directive and certified to the latest standards, including 'End of Life' protection circuit ballast for enhanced safety, in accordance with HSE safety notice 8/05.

ATEX compliant transformers of rugged design and construction, are available, for use in or near hazardous locations.

Wolf Fluorescent Leadlamp Technical Specification

| | | | | | |
|--------------------------------------|---|----------------|----------------|-------------------|-------------------|
| Model | LL-500 | | | | |
| Description | ATEX Fluorescent Leadlamp | | | | |
| Code |  II 2 GD Ex emb II T3/T4 Ex tD A21 IP66/67/68 T100°C  II 2 GD Ex embd IIC T3/T4 Ex tD A21 IP66 T100°C (CFL linkable) | | | | |
| Apparatus standard | EN60079-0, EN60079-7, EN60079-18, EN61241-0, EN61241-1 | | | | |
| Type of protection | Increased Safety, Encapsulation, Flameproof | | | | |
| Area of classification (gas) | Zone 1 & 2, gas groups IIA, IIB, IIC | | | | |
| Temperature class | T3 on CFL portable units/ T4 on 'T8' lamp static application units | | | | |
| Ambient temperature (gas) | Zone 21 and 22 | | | | |
| Area of classification (dust) | Zones 21 and 22 | | | | |
| Max. Surface Temp (dust) | 100°C | | | | |
| Ambient temperature | 2 x CFL units: (-20°C to +44°C), 4 x CFL units: (-20°C to +35°C), 2 x T8 units: (-20°C to +53°C) | | | | |
| Certificate | Sira 08ATEX3098 | | | | |
| Enclosure material | Polymer | | | | |
| Lens | Polycarbonate with anti-static coating | | | | |
| Beam type | Wide angle white area light, high output, high efficiency, low glare | | | | |
| Light source: Type | Standard 2G11 CFL Compact Fluorescent/T8 Fluorescent Lamps | | | | |
| Lamp life | Up to 10,000 hrs | | | | |
| Power | 2 x 18W | 2 x 36W | 4 x 36W | 2 x 55/58W | 4 x 55/58W |
| Typical consumption | 32W | 62W | 124W | 92W | 184W |
| Output | 2400 lm | 5800 lm | 11600 lm | 9600 lm | 19200 lm |
| Voltage | 220-254Vac/dc ±10% | ✓ | ✓ | ✓ | ✓ |
| | 110-130Vac/dc ±10% | ✓ | ✓ | ✓ | – |
| | 42-52Vac/dc ±10% | – | ✓ | ✓ | – |
| | 24-28Vac/dc ±10% | – | ✓ | ✓ | – |
| Weight (add 0.5kg for 24/42V) | 2.7kg | 4.1kg | 5.5kg | 5.0kg | 6.4kg |
| Length | 0.43m | 0.58m | 0.82m | 0.78m | 0.94m |

Notes:

- All products supplied with 4mm² SY Cable and ATX plugs/sockets as standard.
- Standard lamps will be fitted with polymer end caps - Aluminium end caps are available on request.
- All products supplied with fluorescent lamps fitted as standard.
- Changes to the above specifications available on request.
- All information has been gathered under laboratory conditions, the user must regard the values given as approximate.

WOLF SAFETY LAMP COMPANY

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