



WOLF LinkEx Light



- ATEX and IECEx certified for Zones 1 & 2 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
- Protective film for use in painting and blasting applications
- Emergency battery backup version available
- Industrial version available



LL-500

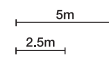
2x 36W CFL (approx 180°)

4x 36W CFL (approx 360°)

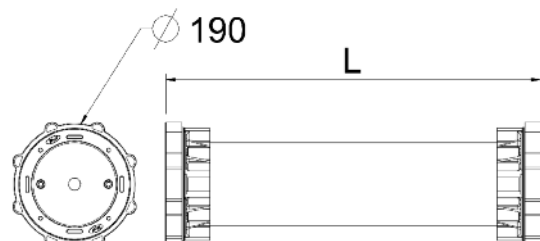
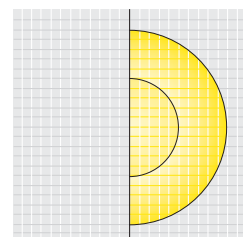
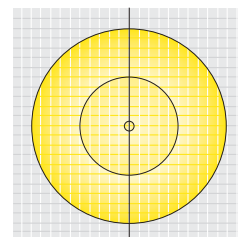
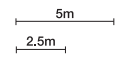
Peak luminous intensity at 2.5m 190 lux

Peak luminous intensity at 5m 50 lux

4x 36W



2x 36W



IECEx

1180

The Wolf LinkEx ATEX Portable Fluorescent Luminaire is CE marked to the 94/9/EC ATEX Equipment Directive and IECEx Certified, allowing safe use in Zone 1 (Cat 2) IIC potentially explosive gas, vapour, mist and dust atmospheres, where a T3 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. Other accessories include; hanging straps with quick release clips, tripod and mounting bracket and antistatic coated protective film for use with painting and blasting applications.

Easy maintenance is a key feature of the Wolf LinkEx 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 ensure the LinkEx lights can withstand the harshest environments and are always ready for use. The lamps are antistatic coated to ensure there is no risk from static sparks. A hanging/carrying strap is supplied as standard.

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 LinkEx Light Technical Specification					
Model	LL-500				
Description	ATEX Fluorescent Leadlamp				
Code	Ⓔx)II 2 GD Ex emb II T3 Ex tD A21 IP66/67/68 T100°C (IP66 Linkable)*				
Type of protection	'e' Increased Safety, 'm' Encapsulation, 'd' Flameproof				
Area of classification (gas)	Zone 1 & 2, gas groups IIA, IIB, IIC				
Temperature class	T3				
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 36W CFL units: (-20°C to +44°C), 4 x 36W CFL units: (-20°C to +35°C) (110V & 220V)*				
Certificate	Sira 08ATEX3098, IECEx SIR 10.0121				
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				
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:

*See certificate for individual ambient temperature range for each model.

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.

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