

LINKEX™ LED TEMPORARY LUMINAIRE



WITHOUT COMPROMISE

LX-400 ZONES

1 2 21 22

PRODUCT INFORMATION

The LinkEx™ LED Temporary Luminaire is a high powered LED Leadlamp for use in short-term lighting installations and maintenance tasks and is CE marked to the ATEX directive and IECEx certified for safe use in Zones 1 and 2 potentially explosive gas and dust atmospheres, where a T4 temperature class permits.

Optional LinkEx sockets, allowing up to 45 lamps to be powered from a single source

LED light source 'fitted for life' with 100,000+ hours life

Fitted with SOVI™ (Safe Optimal Voltage Indicator)

Wide range of protection and mounting accessories available, supplied with a hazardous area certified lens protecting film (LX-545) & protection cover kit (LX-621)

180° or 360° models available

KEY INFORMATION

CERTIFICATION

- ATEX & IECEx Approved for Zone 1/21 explosive gas and dust atmospheres
- IP Rating: certified to both IP67 (non Linkable) or IP66 (Linkable), the luminaire is dust tight and protected against powerful water jets and immersion up to 1 metre

AMBIENT APPROVED

- -20°C to +55°C

LIGHT OUTPUT

- Up to 4,000 lumens at source
- High power white LED beam available as 180° or 360°
- LED light source 'fitted for life' with 100,000+ hours life.

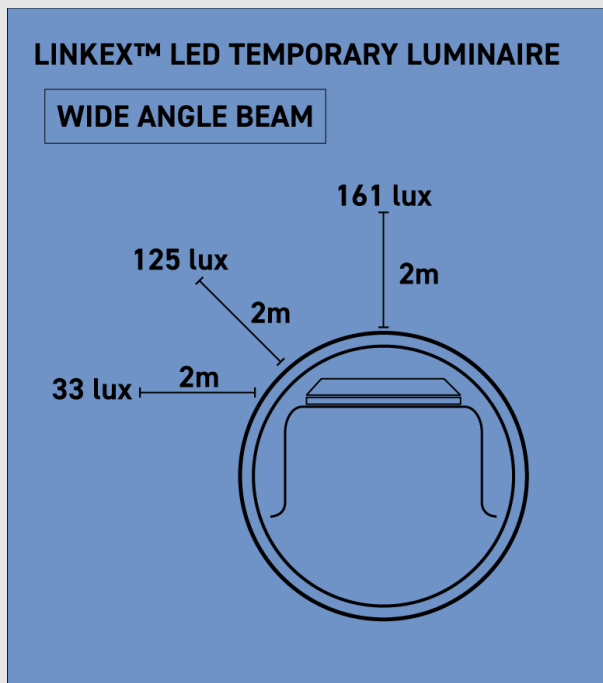
FEATURES

- LinkEx™ capable, possibility to link up to 45 compatible Wolf lamps in series, powering them from a single source of power
- Fitted with SOVI™ (Safe Optimal Voltage Indicator) which indicates with a pulse of the beam when the lamp is running outside the optimum voltage range
- Safe to 0 volts supply, no unsafe lower limit should the power supply dip, or should the user link too many lamps
- High and low input voltage versions available (230/110V or 24/42V)
- Supplied with certified protection accessories: lens protecting film (LX-545) & protection cover kit (LX-621) - ideal for protecting the lamp from paint or very dirty applications
- Supplied with hanging straps (LX-654)
- Compact, robust and durable construction
- Wide range of fixing and mounting accessories available
- Low power consumption

Supplied with SY cable as standard, multiple cable options available (H07RN-F, Helkarma, Ships Braided)

TECHNICAL INFORMATION

LIGHT OUTPUT DIAGRAM

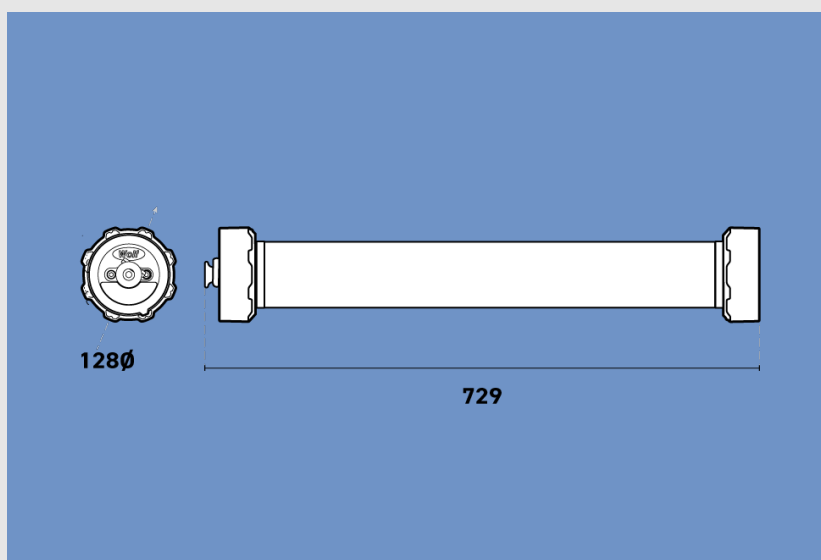


Wide angle beam, available as either 180° or 360° variants. 180° lux data shown above.

180°
Peak Luminous Intensity at 2m **161 lux**

PRODUCT DIMENSIONS

LX-400



MEASUREMENT MM



LINKEX™ LED TEMPORARY LUMINAIRE

PRODUCT REFERENCE	LX-400	
PRODUCT DESCRIPTION	LinkEx LED ATEX Temporary Luminaire	
	T4 Low (LV) & High (HV) Voltage	
CODE	NON-LINKABLE II 2 GD Ex e mb op is IIC T4 Gb (-20°C to +55°C) Ex tb op is IIIC T135°C DB IP67°C Db IP67	
	LINKABLE II 2 GD Ex e mb opis IIC T4 Gb (-20°C to +55°C) Ex tb op is IIIC T135°C Db IP66*	
TYPE OF PROTECTION	"e" increased safety, "mb" encapsulation	
AREA OF CLASSIFICATION (GAS)	Zones 1 & 2, Gas Groups IIA, IIB, IIC	
TEMPERATURE CLASSIFICATION	T4	
AREA OF CLASSIFICATION (DUST)	Zones 21 & 22	
MAX. SURFACE TEMPERATURE (DUST)	135°C	
AMBIENT TEMPERATURE	-20°C to +55°C (45°C with LX-321 protective bag fitted)	
CERTIFICATE	CML 18ATEX3371X	
	IECEX CML 18.0197X	
ENCLOSURE AND LENS	Polycarbonate with Anti-static Coating	
BEAM TYPE	Wide Angle, Diffused Area Light (180° or 360°)	
LIGHT SOURCE:	TYPE	LED
	LIFE	Over 60,000 hrs
	POWER	24VAC ≈27W (42VA) 48VAC ≈27W (51VA) HV ≈ 26W
	OUTPUT	Up to 4,000 lm (at source)
INPUT VOLTAGE	LV 18-50V AC/DC	
	HV 90-264V AC	
WEIGHT (NON-LINKABLE)	3.0kg without cable	
LENGTH (NON-LINKABLE)	0.7m	
INGRESS PROTECTION	Non-Linkable (No Socket) IP67 / Linkable (Socket Fitted) IP66*	
INCLUDED	Supplied with lens protecting film (LX-545), protection cover kit (LX-621) and hanging straps (LX-654)	

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request.



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