LinkEx™ LED Temporary Luminaire (LX-400 MK2) incorporating SOVI technology

SOVI - 'SAFE OPTIMAL VOLTAGE INDICATION'

Working in dark confined spaces is hazardous, particularly when there are the dangers of an explosive gas or dust atmosphere. Such risky environments require the right equipment, with portable and temporary safety lighting (ATEX or IECEx) being top of the list, ensuring security and protection of everyone in the working area, when used correctly.

Temporary safety lights are typically cable powered. Where electric cables are long, supply voltage will drop, sometimes by significant amounts, resulting in:-

- Dimming lights and poor visibility - so no longer safe.
- Lights de-energising with illumination cut completely - so no longer safe.
- ATEX lighting being run outside of certified voltage limits - so no longer safe.

SOVI CONFIRMS SAFETY

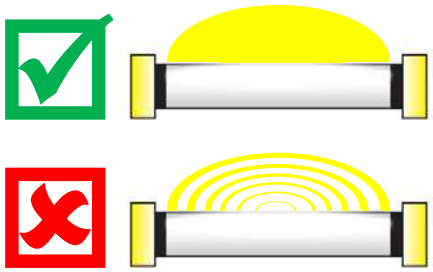
Every LinkEx™ LED Temporary Luminaire incorporates unique SOVI technology with built-in 'Safe Optimal Voltage Indication' to help users have high quality light in hazardous areas. If optimum voltage is not supplied, SOVI warns that light performance is low by pulsing the light output.

For added assurance, all LinkEx™ luminaires are **ATEX certified safe down to zero volts**, so the user should be confident their lights are ATEX-safe when using maximum cable runs, particularly in low (24V) voltage applications. In the unlikely event of over-voltage, the luminaire will pulse dim to warn the user.

A lighting solution with SOVI technology confirms safety in the hazardous workplace.

WHAT YOU SEE WITH SOVI:-

- Maximum light output is emitted within the optimum voltage range, normal operation indicates correct voltage supply.
- Below optimum voltage the dimmed light pulses bright and reduces incrementally to indicate low light output. Certification to zero volts means there is no ATEX safety issue.
- Above optimum and certified voltage, the light pulses dim to indicate the luminaire is not emitting maximum light output and is operating outside of its ATEX certified voltage.
- The light does not immediately de-energise when operated outside optimum voltage range, but gives the user appropriate warning.



	Optimum Voltage Range For Maximum Light Output	**Certified Voltage Range For Safe Use** *(Do not use above the upper voltage)*
High Voltage (HV)	90 - 264 VAC *≤ 90 V dimmed light pulses bright and reduces until it shutdowns* *≥ 264 V pulses dim*	0 - 264 VAC
Low Voltage (LV)	18 - 50 VAC/DC *≤ 18 V dimmed light pulses bright and reduces until it shutdowns* *≥ 50 V pulses dim*	0 - 50 VAC/DC

SOVI - ONLY AVAILABLE FROM WOLF.

ENSURE YOUR LIGHTING SOLUTION IS SOVI SAFE.