

ATEX LED Inspection Leadlamp

Zones: 1, 2, 21 and 22



Product Overview

The ATEX LED Inspection Leadlamp is versatile, lightweight and cable powered, with a high power LED light output, ideal for handheld inspection and work activities and is CE marked to the ATEX Directive and IECEx Certified for safe use Zones 1 and 2 potentially explosive gas, where a T4 temperature class permits, and Zones 21 and 22 dust atmospheres, with a certified maximum surface temperature of 100° C.

A high power LED 'fitted for life' light source produces a high efficiency output of up to 670 lumens and emits a very high quality, even white light; minimising shadows and enhancing visibility in inspection and work tasks. The LED Inspection Leadlamp is cable powered, and can be run with voltages of 110V to 240V or 24V to 48V.

The LED Inspection Leadlamp has a compact and lightweight design, ideal for handheld use. The transparent light emitting leadlamp enclosure is constructed from robust and highly durable polycarbonate polymer to withstand the effects of heavy industrial use. Further protection from scratches and impact is possible by using a stainless steel spiral lens guard accessory. Sealed to IP67, the lamp is protected from the ingress of dusts and liquids, enabling use in the harshest of environments and incorporates integral oil resisting rubber grip handle with hook for suspension in the work area.

The LED Inspection Leadlamp is supplied with 10 metres of HOFRR cable and an ATX plug fitted as standard, alternative cable types and plugs are available. A range of ATEX compliant transformers of rugged design and construction, are available, for use in or near hazardous locations.

Features & Benefits

- ATEX Approved for Zone 1 and 2 explosive Gas and Dust atmospheres
- 'Fitted for Life' LED light source
- Even white LED light ideal for inspection
- Compact and lightweight design
- Anti roll and hook feature
- Fitted with cable and ATX plug
- Wide voltage range with 110-240V and 24-48V models

Certifications

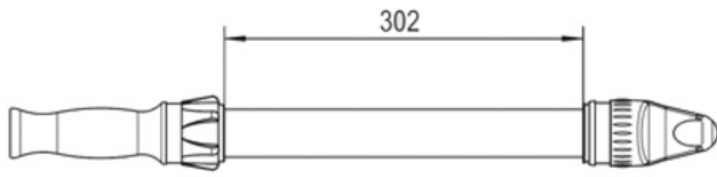


Technical Specification

Product Reference	LL-420LED	LL-440LED	LL-460LED
Product Description	ATEX LED Inspection Leadlamp		
Code	II 2 G Ex d IIC T4 Gb II 2 D Ex tb IIIC T100°C Db		
Manufacturer	R. Stahl		
Type of Protection	"d" flameproof, "tb" enclosure		
Area of Classification (Gas)	Zones 1 and 2, Gas Groups IIA IIB IIC		
Temp. Classification (Gas)	T4		
Area of Classification (Dust)	Zones 21 and 22		
Max Surface Temp (Dust)	100°C		
Ambient Temperature	-20°C to +40°C		
Certificate	PTB07ATEX1009 IECEX PTB 07.0018		
Enclosure	Tube - Polycarbonate Handle/Hook - Elastomer (EPDM)		
Beam Type	Wide Angle, White Inspection Light		
Light Source:	Part Number.	LL-445	
	Type	High Power LED	
	Power	≈15W	
	Output	600 lm	670 lm
	Life	25,000+ hrs (Fitted for Life)	
Power Source:	Insulation	Class II	
	Voltage	24-48V	110-240V
Plug	24V	110V	230V
Cable	10, 1.5mm ² HOFR with ATX Plug		
Weight	1.4kg (excluding cable)		
Ingress Protection	IP66/67		

- All products supplied with ATX plugs as standard.
- 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.

Product Dimensions



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