

PENLITE



WOLF Ex-PENLITE PL-01



- **Uniform illumination for close proximity work**
- **Pen-size pocket portability**
- **High quality robust brass construction**
- **Explosion-protected to new ATEX directive**
- **High energy alkaline cells Certified**
- **Single handed switch operation**



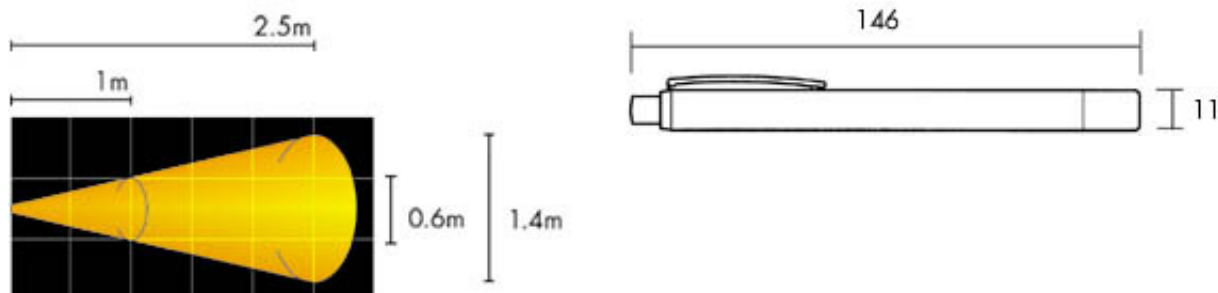
TECHNICAL SPECIFICATION

Ex-Penlite PL-01

0.56w wide angle beam (approx 30°)

Peak luminous intensity at 1m **9lux** at 2.5m **2lux**

PRODUCT DESCRIPTION



Product reference		PL-01
Product description		Safety penlite, primary cell powered
Code		II 2 G EEx e ia IIC T4
Apparatus standards		EN 50014, EN 50019, EN 50020
Type of protection		"e" increased safety, "ia" intrinsic safety
Area of classification (gases)		Zones 1 and 2, (Category 2)
Apparatus classification		Apparatus Groups IIA, IIB, IIC
Temp. classification		T4
Ambient temperature		-20°C to +40°C
Certification		TÜV 00 ATEX 1529
Enclosure		brass plated
Lens		plastic
Beam type		wide angle
Light source:	Pt. no.	PL-11
	Type	Vacuum filament bulb, lensed, Type 222
	Volts	2.25v
	Watts (amps)	1.2w
	Output	5 lm
	Life	5hrs
Power source:	Wolf Pt. no.	LT-401 x 2
	Type	AAA primary cells (LR03 recommended)
	Volts	2 x 1.5v
Light duration		up to 5 hrs
Ingress protection		IP54 minimum
Weight (incl. cells)		60g

PRODUCT DESCRIPTION

The Wolf Ex-Penlite PL-01 is the smallest, most robust light source available, certified for safe use in potentially explosive atmospheres. It is ideal for use in many hazardous area applications, such as gas meter reading, and by systems and instrument engineers as an essential and convenient mini-torch for close inspection and maintenance work. It can also be provided as an escape light for personnel in confined spaces if faced with an emergency situation.

Approved by German test house TÜV, the Wolf Ex-Penlite is CE marked in compliance with the 94/9/EC Explosive Atmospheres (ATEX) Directive for use in a wide range of potentially explosive atmospheres. The Wolf Ex-Penlite has been approved to Apparatus group IIC, allowing use in all potentially explosive gases, vapours and mists, up to T4 temperature class, in zone 1 & 2 (category 2) hazardous areas. The Wolf Ex-Penlite has a brass body with satin plated finish, and a threaded lens cap with plastic lens, removable for bulb and battery replacement. A push button switch is fitted on the end for easy, single handed, operation. A pen clip is also incorporated in the design, allowing the Ex-Penlite to be securely retained in a pocket, and preventing roll on a flat surface. Electro-static hazards are avoided with the use of a metal body.

Utilising a 2.25V, 0.25A lensed bulb, the Wolf Ex-Penlite emits an excellent uniform, wide angled beam, ideally suited to short distance work. Approvals allow the use of all R03 (AAA) standard and LR03 high power alkaline cells; alkaline cells providing a continuous duration of up to five hours. Use of rechargeable cells is prohibited. The Wolf Ex-Penlite is supplied complete with cells, an EC Declaration of Conformity and user instructions. A copy of the Wolf Ex-Penlite EC Type Examination Certificate is available upon request.