

# Intrinsically Safe

Approved by global safety agencies, the Energizer® Intrinsically Safe Headlamp is ideal for work in harsh conditions. Designed specifically for the needs of Industrial trades, this high-performance light has certifications that make it safe to use in environments with water, gas and dust and survives drop after drop. The band has a non-slip grip along with a top strap to better fit hard hats, while the orange safety color provides instant recognition. LED technology delivers steady, bright illumination along with long lasting runtime.

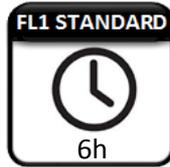
IECEX: Ex ia op is I/IIC T4 Ma/Ga

UL: Class 1/Div 1 rated

ATEX: I M1/II 1G



Provides  
130  
Lumens of  
Light



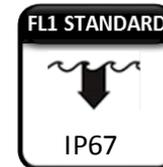
Provides  
Run Time  
of 6 Hours



Sustains 1  
Meter  
Drop Test



Illuminates  
objects up  
to 45m  
away



Waterproof  
Works even after  
immersed in water,  
1 meter deep for 30  
minutes

## DESIGN BENEFITS

- ✓ Shatterproof lens
- ✓ Non slip grip
- ✓ Top strap for enhanced stability
- ✓ Built for safe use in environments with water, gas and dust (IP67)
- ✓ -20°C to 40°C ambient operating range
- ✓ Equipment suitable for ATEX/IECEX Zones 0,1,2
- ✓ Pivoting head

## LIGHT AND POWER SOURCE

- ✓ Features LED Technology
- ✓ Operates on 3AAA Batteries

## ELECTRICAL CHARACTERISTICS

Electrical Characteristics Nominal Power:  
Power consumption .96W / Batteries AAA  
*Energizer E92 1.5 x 3 = 4.5 V dc*  
LED Specifications: LED 3.0V cc / 320 mA

## CERTIFICATES AND COMPLIANCE



EMC, EN62471, FCC



DEMKO 19 ATEX 2277  
IECEX UL 19.0093  
Ex ia op is I/IIC T4 Ma/Ga



ONLY AS TO INTRINSIC SAFETY FOR  
USE IN HAZARDOUS LOCATIONS.

Class I, Groups A, B, C&D.  
Class II, Groups E, F & G.  
Class III, T4.



Tested according to ANSI/NEMA FL1 Standards. Results based on: Energizer MAX Aik / E92

## PERFORMANCE BENEFITS

- ✓ Global certifications for industrial use
- ✓ High performance

## SPECIFICATIONS

### Weight Excluding Batteries:

75 Grams / 2.65 Ounces

### Dimensions:

80mm x 53 mm x 49mm / 3.2" x 2.1" x 1.9 "

## NUMBER OF OPERATING MODES: 1

| Mode | Lumens (lm) | Runtime (h) | Beam Distance (m) |
|------|-------------|-------------|-------------------|
| High | 130         | 6           | 45                |
| Low  | 20          | 42          | 20                |