

# Intrinsically Safe

Approved by global safety agencies, the Energizer® Intrinsically Safe Handheld 2D 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. A built-in loop makes it easy to be tied for security, 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/II C T4 Ma/Ga

UL: Class 1/Div 1 rated

ATEX: I M1/II 1G



Provides  
150  
Lumens of  
Light



Provides  
Run Time  
of 65  
Hours



Sustains 1  
Meter Drop  
Test.



Illuminates  
objects up  
to 175m  
away.



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

## DESIGN BENEFITS

- ✓ Shatterproof lens
- ✓ Ribbed casing for a secure grip
- ✓ Built for safe use in environments with water, gas and dust (IP67)

## LIGHT AND POWER SOURCE

- ✓ Features LED Technology
- ✓ Operates on 2 D Batteries

## ELECTRICAL CHARACTERISTICS

Electrical Characteristics Nominal Power:  
 Power consumption 1.35W / Batteries D  
 Energizer E95 1.5 x 2 = 3.0 V dc  
 LED Specifications: LED 3.0V cc / 450 mA

## CERTIFICATES AND COMPLIANCE



EMC, EN62471, FCC



DEMKO 19 ATEX 2128  
 IECEX UL 19.0016  
 Ex ia op is I/II C 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 Alk / E95

## PERFORMANCE BENEFITS

- ✓ Global certifications for industrial use
- ✓ High performance

## SPECIFICATIONS

**Weight Excluding Batteries:**

146 Grams / 5.15 Ounces

**Dimensions:**

56mm x 61mm x 210mm / 2.20" x 2.40" x 8.27"

## NUMBER OF OPERATING MODES: 1

Mode	Lumens (lm)	Runtime (h)	Beam Distance (m)
High	150	65	175