

# Intrinsically Safe Headlight

# MSHD3AA

Approved by global safety agencies, the *Energizer*® Intrinsically Safe Headlight is ideal for work in harsh conditions. Designed specifically for the needs of Industrial trades, this headlight is water resistant, dustproof and survives a drop after drop. It is built to take withstand tough conditions on the jobsite and provides a dependable hands-free lighting solution. Four lighting modes are controlled by two easy-to-operate push button switches. The light pivots smoothly to direct the beam just where it is needed. The adjustable head band secures tightly to safety equipment, while an advanced-grip coating ensures it holds firm under extreme conditions.



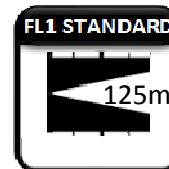
Provides 75 Lumens of Light



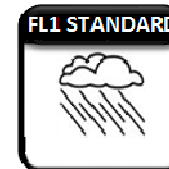
Provides Run Time of 20 Hours



Sustains 2 Meter Drop Test



Illuminates objects up to 125 meters away



Water Resistant – works after splashing water on all sides

### DESIGN BENEFITS

- ✓ Flip-up diffuser provides option of spot or area lighting
- ✓ Pivoting light to aim where you need it
- ✓ Rear mount battery pack distributes weight evenly
- ✓ Removable top head strap

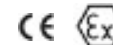
### LIGHT AND POWER SOURCE

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

### CERTIFICATES AND COMPLIANCE



- UL/CUL intrinsic safety for hazardous locations Class I Div. 1 Groups A,B,C, & D, Class II Div. 1 Groups E,F,&G, and Class III Div. 1; T4.
- MSHA for methane-air mixtures.
- ATEX intrinsically safe flashlight for I M2/II 1G  
Ex ia op is I/IICT4
- EU-Type Examination Certificate Number: DEMKO 08 ATEX 0803999X Rev. 2
- IECEx intrinsically safe flashlight for Ex ia op is I/IICT4
- IECEx UL 08.0021
- -20°C to 40°C ambient operating range.
- 0539
- EN60529 ingress protection level IP64.
- Equipment suitable for ATEX/IECEx Zones 0,1,2.



Tested according to ANSI/NEMA FL1 Standards. Results based on: Energizer MAX Alk / E91

### PERFORMANCE BENEFITS

- ✓ EN60529 IP64 ingress protection dustproof & water resistant
- ✓ 4 modes - high and low white beam, red for night vision, green for inspection work
- ✓ Survives 2 meter drop, time after time
- ✓ Shatterproof lens

### SPECIFICATIONS

#### Weight Excluding Batteries:

160 Grams / 5.6 Ounces

#### Dimensions:

Light – 79mm x 29mm x 54mm/3.1”x1.1”x 2.1”

Battery Pack – 76mm x 70mm x 29mm/3”x2.8”x1.1”

### NUMBER OF OPERATING MODES: 4

Mode	Lumens (lm)	Runtime (h)	Beam Distance (m)
High White	75	20	125
Low White	23	66	60

Before using your flashlight, please read all instructions and cautionary marking on the package and the light.

This datasheet contains information specific to products manufactured at the time publication. Contents do not constitute a claim or warranty.

©2015 Energizer