PRODUCT DATASHEET

LED Headlight

Energizer®
INTRINSICALLY SAFE

MSHD31E

INTRINSICALLY SAFE

- Division 1, Class 1 rated
- Approved by global agencies for intrinsically safe lights

ECONOMICAL

- Useable light for 19 hours between battery changes with Energizer® MAX® batteries
- Lifetime LED never needs replacing

DURABLE

- Survives 2-meter drop test
- Shatterproof lens

WATER RESISTANT

- Meets IEC 60529 IPX4 standards
- Continues to operate after exposure to splashing water from all directions



BENEFITS

- EN60529 IP64 ingress protection - dustproof & water resistant
- Powerful beam illuminates objects up to 91 meters away
- Four lighting modes – high white, low white, red & green
- Discrete, push button switches for white & color modes
- Flip-up diffuser provides option of spot or area lighting
- Pivots to aim light where you need it

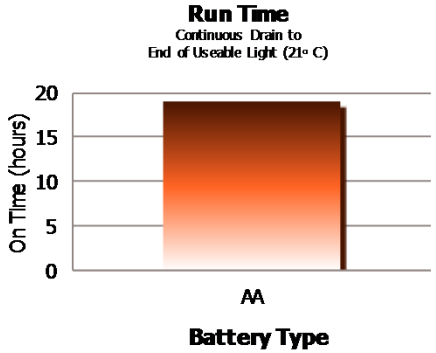
- UL/CUL intrinsic safety for hazardous locations Class I Div. 1 Groups A,B,C, & D, Class II Div.1 Groups E,F,&G, and Class III Div.1; T4.
- MSHA for methane-air mixtures
- ATEX intrinsically safe flashlight for Ex ia I/IIC T4 IM2/II1G
- IECEx intrinsically safe flashlight for Ga Ex ia IIC T4
- -20°C to 40°C ambient operating range.
- CE 0539
- EN60529 ingress protection level IP64.

Before Using Your Flashlight:
Please read all instructions and cautionary markings on the package and light

Product Detail:

Designation:	Energizer Intrinsically Safe™ LED Headlight
Model:	MSHD31E
Color:	Safety Orange and Black
Power Source:	Three "AA"
ANSI/NEDA:	15 Series
Lamp:	One White High Power LED
Lamp Life (hr):	Lifetime
Additional Lamps:	2 Red and 1 Green LED
Light Output (lumens):	66
Run Time (h:min):	19
Beam Distance (m):	91
Peak Beam Intensity (cd):	2,070
Durability:	Survives 2-meter drop
Typical Weight (g):	230 with alkaline batteries
Dimensions (mm):	Light - 79.2 x 28.7 x 53.8 Battery Pack - 76.2 x 69.9 x 28.7

Performance:



Tested according to ANSI/NEMA FL 1 Standards.

Important Notice
This datasheet contains information specific to products manufactured at the time of its publication
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