



milwaukee Intrinsically Safe Class I, II, III/Division 1 Spot/Flood Headlamp Instructions

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INTRINSICALLY SAFE CLASS I, II, III / DIVISION 1 SPOT/FLOOD HEADLAMP

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IMPORTANT SAFETY INSTRUCTIONS

WARNING READ AND UNDERSTAND ALL INSTRUCTIONS. When using electric appliances, basic precautions should always be followed, including the following: Before using the light, read this operator's manual and all labels on the light.

- Read and understand all the instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when any appliance is used near children.

- Store idle light out of reach of children. Warm lights can become hazardous in the hands of children.
- Know your light. Read this manual carefully to learn your light’s applications and limitations as well as potential hazards associated with this type of light.
- This tool is designed to be powered by 3-AAA Energizer E92 or Duracell MN2400 batteries properly inserted into the tool. Do not attempt to use any other voltage or power supply.
- Do not leave batteries within the reach of children.
- Do not mix new and used batteries.
- Do not mix brands (or types within brands) of batteries.
- Do not use rechargeable batteries.
- Install batteries according to polarity (+ / -) diagrams.
- Properly dispose of used batteries immediately.
- Do not incinerate or dismantle batteries.
- Under abusive conditions, liquid may be ejected from the battery, avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not dispose of tools or batteries together with household waste material! Appliance and batteries that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.
- To prevent the risk of fire or explosion, do not open the battery compartment in a hazardous atmosphere. Only change batteries in known non-hazardous areas.
- Use only identical replacement parts. Other parts or substitutions may impair this product’s intrinsic safety.
- Always confirm the ratings of this product with the known or potentially hazardous environment in which it will be used.
- Maintain labels and nameplates. These carry important information. If unreadable or missing, contact a MILWAUKEE service facility for a free replacement.

SAVE THESE INSTRUCTIONS

SPECIFICATIONS

Cat. No. 2004HZL
 Volts..... 4.5 DC
 Battery Type LR03 / AAA x3
 Recommended Ambient Operating Temperature -4°F to 104°F
 Complies withANSI/UL STD 913-8th Ed, ANSI/UL 60079-0-7th Ed, ANSI/ UL 60079-11-6th Ed, CAN/CSA STD C22.2 No. 60079-0:2019, IEC 60079-0, 7th Ed (2017-12)+Corr.1(2020-01)+I-SH 01(2019-04)+I-SH 02(2019-06), IEC 6007911, 6th Ed (2011-06)+Corr.1(2012-01)+I-SH 01(2014-10)+I-SH 02(2016-07)+I-SH 03(2016-07)+I-SH 04(2019-04)+I-SH 05(2019-08)+I-SH 06(2019-12), CENELEC IEC EN 60079-0: 2018

INTRINSICALLY SAFE
 CLASS I, II, III / DIVISION 1



INTRINSICALLY SAFE



Headlight for Use in Hazardous Locations

Class I Div 1 GRPS A-D T4

Class II & III Div 1 GRPS E-G

Class I Zone 0 AEx ia IIC T4 Ga

Ex ia IIC T4 Ga

EX II 1 G Ex ia IIC T4 Ga








DEMKO 20 ATEX 2338

IECEX UL 20.0011

-20°C < Tamb < +40°C

1.5V/Cell / Energizer E92 or Duracell MN2400

SYMBOLOLOGY

	Volts
	Direct Current
	Read Operator's Manual
	Do not stare at the operating light source
	Hazardous Location Lighting
	UL Listing for Canada and U.S.
	European Conformity Mark

ASSEMBLY

Changing Batteries

WARNING

To prevent the risk of fire or explosion, do not open the battery compartment in a hazardous atmosphere. Only change batteries in known non-hazardous areas.

Only use Energizer E92 or Duracell MN2400 batteries. If the light will not be used for a long time, remove the batteries as a protection against corrosion. To change the batteries:

1. Use the 3 mm hex wrench to loosen the locking screw on the back of the light.
Open the battery compartment.
2. Insert the three AAA batteries according to the polarity marked in the compartment.

3. Close the battery compartment. Use the 3 mm hex wrench to tighten the locking screw. Hand tightens securely; do not overtighten.

OPERATION



CAUTION

To reduce the risk of injury, do not stare at the operating light source.

Straps

Select the desired strap (rubber or elastic). Clip the light onto the strap and use the buckle to adjust the strap to the required size. Use the included clips to attach the strap to a hard hat.

Clip


To attach the headlamp directly to the hard hat clip with adhesive-backed fastener strips, first wipe the headlamp and clip with soap and water. Rinse thoroughly.

WARNING!

Never immerse tool in liquid.

Remove the adhesive backing and press fastener strips firmly onto clip and headlamp.

Using the Headlamp

Press the power button  to turn the light on and off. Press the MODE button to cycle through Spot/Flood, Flood High, Flood Medium, Flood Low, and Spot.

Rotate the light up or down as needed.

MAINTENANCE



WARNING

To reduce the risk of injury, always remove the battery before performing any maintenance. Never disassemble the tool.

Contact a MILWAUKEE service facility for ALL issues.

Maintain light

Keep your light in good condition by adopting a regular maintenance program. If the light does not work properly, return the light to a MILWAUKEE service facility.



WARNING

To reduce the risk of personal injury and damage, never immerse your tool in liquid or allow a liquid to flow inside.

Cleaning

Keep tool handles clean, dry, and free of oil or grease. Use only mild soap and a damp cloth to clean the tool since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia, and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

ACCESSORIES



WARNING

Use only recommended accessories. Others may be hazardous.

For a complete listing of accessories, go online to www.milwaukeeetool.com or contact a distributor.

LIMITED WARRANTY – USA & CANADA

Every MILWAUKEE Personal Lighting Product* (see exceptions below) is warranted to the original purchaser only

to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on a personal lighting product which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for the lifetime of the personal lighting product. Return of the personal lighting product to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the returned product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, accidents, or caused by alkaline batteries.

Normal Wear: This warranty does not cover repair or replacement when normal use has exhausted the life of a part including, but not limited to clips, straps, charging cables, wall plugs, and rubber gaskets. This warranty does cover the LED in the personal lighting products, subject to the limitations herein.

*This warranty does not cover Cordless Battery Packs or Chargers. There are separate and distinct warranties available for these products.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to products sold in the U.S.A. and Canada only. Please consult the Find a Service Center Search in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest MILWAUKEE factory Service Center location.


MILWAUKEE TOOL

13135 West Lisbon Road

Brookfield, WI 53005 USA

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Documents / Resources

	<p>milwaukee Intrinsically Safe Class I, II, III/Division 1 Spot/Flood Headlamp [pdf] Instructions</p> <p>Intrinsically Safe Class I II III Division 1 Spot Flood Headlamp, Intrinsically Safe Class I, Intrinsically Safe Class II, Intrinsically Safe Class III, Division 1 Spot Flood Headlamp</p>
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