



Frequently Asked Questions

COMPATIBILITY

Will The Halo Light™ work on my hard hat?

The Halo Light is designed to work on the majority of hard hats sold today. A list of many of the hard hats that work with The Halo Light can be found at illumagear.com/safety-products/the-halo-light/#halolight-7

Is The Halo Light only for construction workers?

The Halo Light is designed to benefit anyone who wears a hard hat and works in high-risk, low-light environments. The Halo Light provides utility across a number of work environments including mining, oil rig workers, loggers, warehouse workers, airport tarmac personnel, shipbuilders, and emergency response personnel.

Does The Halo Light work on other construction hats like bump caps or soft caps?

The Halo Light is designed to work on hard shell hard hats. The Halo Light has not been designed to work on soft caps.

Does The Halo Light work on cycling helmets?

The Halo Light has not been designed for cyclists or cycling helmets. It fits only a few of the many different kinds of cycling helmets available on the market.

Does The Halo Light work on any other helmets besides construction hard hats?

The Halo Light is designed to work on the majority of hard hats sold today. It does happen to fit on the majority of climbing/spelunking helmets, as well as a few cycling and kayaking helmets.

Can I still wear my cap style hard hat backwards?

Yes, The Halo light is designed to work on the majority of hard hats whether worn forwards or backwards.

Can I wear my clip-on earmuffs/face shield while using The Halo Light?

It will depend on how your earmuffs or face shield connect to your hard hat. There are some types of clip-on hard hat accessories including earmuffs and face shields that are not compatible with The Halo Light.

FUNCTIONALITY

Does The Halo Light have a front and back?

Yes. The grey mode button and strain relief cable is at the center back of the light.

How long does The Halo Light battery last?

The Halo Light Battery Pack lasts at least 12 hours on full power when fully charged. In certain modes, such as Dim, the battery will last much longer.

How long does it take to charge the Battery Pack?

The Halo Light Battery Pack will take up to 5 hours to fully recharge if completely depleted.

Can The Halo Light be used without the Battery Pack?

No. The Halo Light requires the Battery Pack to function.

Will The Halo Light work in rain or snow?

Yes. The Halo Light is designed to operate in all weather conditions.

Where do people usually put the Battery Pack?

Most people either clip the Battery Pack to a belt or harness or put it in a pocket such as on their vest. We recommend running the cable inside an outer layer to minimize the chance of it being snagged.

Does The Halo Light come with different LED light colors?

Not presently. Please let sales@illumagear.com know if you are interested in such a product.

Do people experience any glare using The Halo Light while wearing safety glasses or regular glasses?

Not that we've experienced and no more than using any other personal head-mounted light.

Is The Halo Light too blinding for others in close proximity?

It depends on the circumstances. In some cases, nearby workers also benefit from the amount of light produced by The Halo Light. In other cases, you may wish to switch to Dim mode when working with or speaking to others.

One advantage The Halo Light offers over other headlamps is that its 360-degree illumination allows other people's eyes to gradually adjust as they approach the wearer, rather than being blinded when the wearer turns suddenly.

SPECIFICATIONS

How durable is The Halo Light?

The Halo Light has been designed to survive in tough environments. It has an Ingress Protection Rating of IP67, meaning it keeps out all dirt, dust, and pressurized water spray. In lab tests, The Halo Light survived repeated 10-foot drops onto concrete. Check out the abuse tests on the ILLUMAGEAR YouTube channel at youtube.com/ILLUMAGEAR.

How heavy is The Halo Light?

The Halo weighs only 9 ounces, while the Battery Pack weighs 10 ounces.

Will The Halo Light work in cold weather?

Yes. The Halo Light battery life is maximized at temperatures ranging from 10°C (50°F) to 50°C (122°F). Storing or operating the product outside of this temperature may shorten the life of the battery. Storing or operating The Halo Light outside the temperature range of -20°C (-4°F) and 60°C (140°F) may damage the product. Placing the Battery Pack in an inner layer when in colder environments may extend battery life.

Is The Halo Light intrinsically safe / explosion proof?

No. While The Halo Light Model #HLPC-03A is a low voltage device, it does not meet Intrinsic Safe (IS) protection standards. ILLUMAGEAR plans to introduce an IS version of The Halo Light in the future.

How long will the LED lights last?

The LEDs in The Halo Light have an expected life of over 25,000 hours.

How many charge cycles will the Battery Pack last?

The Lithium-Ion cells in the Battery Pack are specified at 500 charges.

Is The Halo Light ANSI and/or OSHA approved?

The Halo Light™ is a Personal Active Safety System™. ANSI A10.47 describes Personal Active Safety Systems as a source of illumination that can be used to enhance worker visibility (Section 14.2, "Illumination Levels"). The standard also states that personal active safety devices are a method of providing additional protection for flaggers (Section 5.2.2, "Flagger Safety").

The Halo Light was specifically designed not to invalidate the ANSI rating of a hard hat. ANSI Z89.1 states that nothing may pierce or permanently affix to the hard hat. Our unique patented tension spring mount system was designed to hold onto the hard hat without invalidating this rating. In regards to OSHA, there is no current code that defines lighting requirements in the manner delivered by The Halo Light. According to OSHA standard 1926.56, there are minimum illumination intensities in foot-candles for US job sites. The Light emitted by The Halo Light exceeds all minimum requirements as defined by OSHA for any type of construction work.

Is The Halo Light compliant with Flame Resistance ratings for arc flash?

Since The Halo Light™ is mounted on a hard hat, that hard hat needs to meet ANSI standard Z89.1 Per ANSI guideline 1910.269(l)(8)(v)(C): "Arc-rated protection is not necessary for the employee's head when the employee is wearing head protection meeting 1910.135 if the estimated incident energy is less than 9 cal/cm² for exposures involving single-phase arcs in open air or 5 cal/cm² for other exposures." Guideline 1910.135 refers directly to ANSI Z89.1

The Halo Light has been tested by an independent NRTL (nationally recognized test lab) to verify that it passes the performance requirements necessary for Class E (Electrical) Hard Hats to meet the standards set by ANSI/ISEA Z89.1, Sections 9.1 ("Flammability"), 9.2 ("Force Transmission"), 9.3 ("Apex Penetration"), and 9.7 ("Electrical Insulation"). As such, The Halo Light is compliant with arc flash requirements when attached to an ANSI Z89.1 rated hard hat.

The dielectric strength of the Halo Light/Battery system is 9000V so it should not be used in environments with higher voltage hazards.

MAINTENANCE

Can I run The Halo Light under a faucet to clean it?

We recommend cleaning The Halo Light with a dry or damp cloth. However, The Halo Light does have an Ingress Protection Rating of IP67, meaning it is protected against 12.5 L/min of water projected by a nozzle (6.3 mm) at 30 kPa at a distance of 3m for 15 minutes.

ACCESSORIES

What accessories are available for The Halo Light?

Accessories for The Halo Light include replacement battery packs, chargers, and replacement clips. The full list of accessories can be found at illumagear.com/safety-products/hard-hat-accessories

Does ILLUMAGEAR offer a gang charger for The Halo Light?

Yes. The Halo Light™ Field Locker™ is a rugged transport case that holds 10 complete Halo Light systems and provides a mobile charging solution. You can learn more about The Field Locker at illumagear.com/safety-products/hard-hat-accessories

Can I buy replacement springs for The Halo Light?

Yes. A full list of accessories for The Halo Light can be found at illumagear.com/safety-products/hard-hat-accessories.

Can I use a different battery?

No, you should only use a supported The Halo Light Battery Pack with The Halo Light. Using any other battery is not recommended and should be avoided as it may void the warranty and could lead to property damage or personal injury.

Can I use a different battery charger?

You should only use a supported ILLUMAGEAR Charger for The Halo Light. Using any other charger is not recommended and should be avoided as it may void the warranty and could lead to property damage or personal injury.

Are the batteries replaceable?

The Battery Pack is replaceable. A full list of accessories can be found at illumagear.com/safety-products/hard-hat-accessories.

Can I charge the battery from my car?

Yes, you can charge The Halo Light Battery Pack from a vehicle using the supported The Halo Light Car Charger available at illumagear.com/safety-products/hard-hat-accessories

PRODUCT BENEFITS

Is The Halo Light brighter than standard headlamps?

Every headlamp is different, but a typical camping headlamp produces about 50-75 lumens while The Halo Light produces up to 276 lumens. Find more information on how The Halo Light compares illumagear.com/products/the-halo-light/#halolight-4.

Does The Halo Light offer any benefits over a headlamp?

The Halo Light is designed specifically to fit on a hard hat, light a worker's entire task area without adjustment, and illuminate the worker in all directions.

Does The Halo Light offer any benefits over retroreflective gear?

The Halo Light actively illuminates the worker and is not dependent on a secondary source of light reflecting at the right angle. The Halo Light actually improves the value of reflective gear by casting light down on the wearer as well as other people nearby and reflecting that light out.

Does The Halo Light offer any benefits over area lighting?

The Halo Light is portable and personal, illuminating a worker's task area without shadows regardless of where the worker moves, and at a fraction of the cost.

The Halo Light is designed in Seattle, Washington, USA, and manufactured in China.

MANUFACTURING

Is The Halo Light made in America?

The Halo Light is designed in Seattle, Washington, USA, and manufactured in China.

Does The Halo Light contain any hazardous materials?

No.

Does The Halo Light Battery Pack have any biohazard disposal issues?

No. The Halo Light Battery Pack uses a Li-ion battery that contains no toxic metals.

WARRANTY AND RETURNS

What is your product warranty?

All consumers are protected by the consumer protection laws of the country of purchase. In addition, ILLUMAGEAR provides all its products with a One Year Limited Warranty. ILLUMAGEAR's One Year Limited Warranty does not protect consumers from other products that are not ILLUMAGEAR-branded, even if bundled or sold with ILLUMAGEAR products. For complete details on the warranty for a product, please go to illumagear.com/support.

What happens if I break a product under warranty?

If a product breaks under conditions of the ILLUMAGEAR One Year Limited Warranty, please contact support@illumagear.com.

OTHER

What is PASS?

PASS is an acronym for ILLUMAGEAR's Personal Active Safety System™. The Halo Light is our first PASS product that provides a complete active illumination system for an individual making them more visible to others while better illuminating their workspace.