

NITECORE®

HC75 UHE

UHE LEDs

E-focus Work Headlamp



Spotlight/Floodlight
Stepless Adjustment



3000
Lumens

5500mAh

Replaceable
High-Capacity Battery



These images are for guide purpose only, and the actual result may vary depending on ambient factors.
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3000 Lumens **192** Meters

Blazing Brightness, No Darkness Left Behind

NITECORE



NITECORE

Spotlight / Floodlight E-focus Adjustment Design

(Patent No. ZL201820778007.X)
(US Patent No. 16/377,534 US10,677,434 B2)

Allowing users to freely adjust the output ratio of the spotlight and floodlight, and quickly change the focus with one hand while ensuring stable output

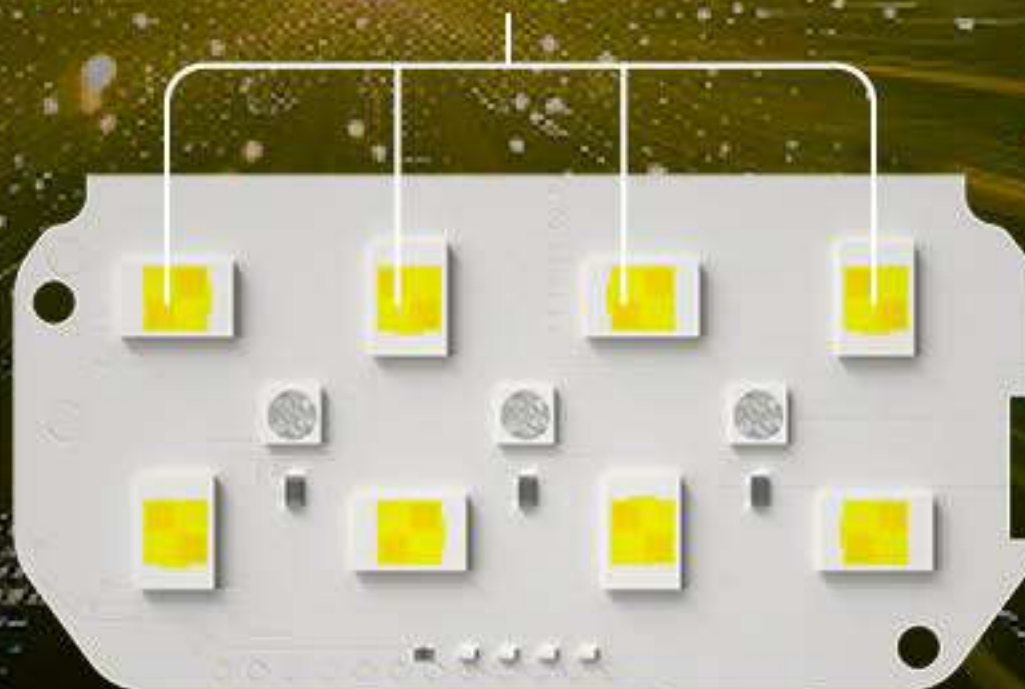


32-Core

UHE Optical Matrix System

Equipped with 8 quad-core UHE LEDs arranged in a matrix to maximize the luminous efficiency and performance.

8 x 4-core UHE LEDs



*The UHE LED is specially designed by NiteLab for high-performance gear such as headlamps, and offers a brighter, more energy-efficient and long-lasting lighting experience. Both NiteLab and NITECORE belong to SYSMAX which is dedicated to exploring LED technology to reinvent the portable lighting LED solutions.

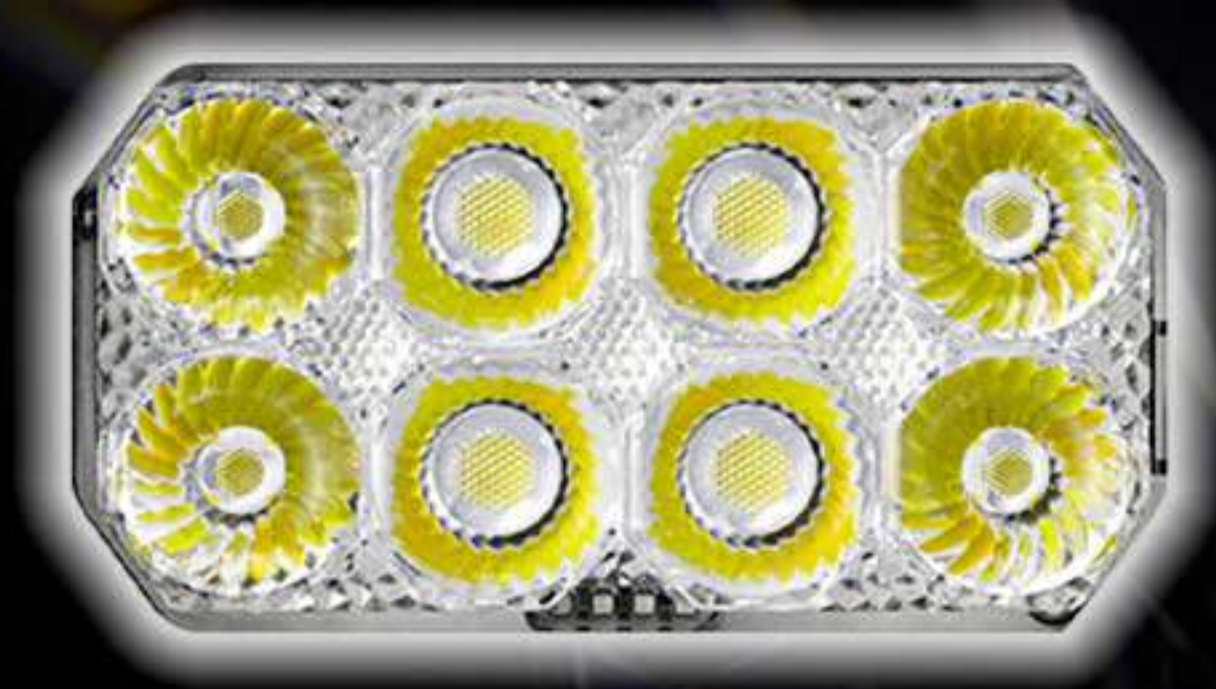
TrueVision⁺

Optical Matrix Lens System with Various Facets

The headlamp features over 94% light transmission and a 961mm² large reflective surface to minimize light loss and improve reflectivity, effectively increasing its throw and brightness.

Over 94%

Light Transmission



32-Core Optics



Dual-Core Optics



961 mm² Reflective Surface
Approx. 3.1x Larger than Dual-Core Optics ↑

*Data from NITECORE Lab for reference only.

Enhanced Safety & Efficiency

A 48.4mm (1.91") wide light emitting surface delivers clear and three-dimensional visibility, allowing quick recognition of objects ahead and thus enhancing work safety and efficiency.



HC75 UHE

48.4mm (1.91") Light Emitting Surface



HC68

33.7mm (1.33") Light Emitting Surface

* Data from NITCORE Lab for reference only.

A night construction site with workers and a large light beam. The scene is dark, with a large, bright white light beam illuminating the center. Several workers in hard hats and safety gear are visible. Orange and white striped traffic barrels are on the left. A red light is visible on the right. The background shows construction equipment and structures.

Over 100°

Wide Range Lighting

Easily Lights up the whole workspace and provides a broad, close or distant view

$\geq 100^\circ$

Primary Light Beam Angle

Dual Light Sources

4500K Neutral White Primary Light

For General Use

The soft and comfortable light helps reduce eye strain, making it ideal for prolonged use.



Auxiliary Red Light

For Night Vision Preservation

Ideal for emergency response, safety signaling and more, without attracting mosquitoes or bugs.



Worry-Free Battery Life for Work

5500mAh High Capacity
Battery Included

12 Hours Runtime
at 600-lumen Level

The headlamp comes with a NITECORE NL2155HP rechargeable high-performance Li-ion battery, supports 18W fast charging via its USB-C port and allows use while charging.

- ⌚ ULTRALOW (40 Lumens) : **84h**
- ⌚ LOW (200 Lumens) : **32h**
- ⌚ MID (600 Lumens) : **12h**
- ⌚ HIGH (1,500 Lumens) : **7h 15min**
- ⌚ TURBO (3,000 Lumens) : **4h 30min**



* Recommended: Carbon Battery™ 6K Extended Headlamp Runtime Kit for longer runtime and enduring brightness

USB-C 18W Fast Charging

Fully recharged in approx.
2 hours and 10 minutes (via a 9V/2A adapter)

Internally waterproof USB-C port
with a protective cover effectively resists
water and impacts, and blocks dust



Dual Buttons Interface

Dual-button design with different functions to fit user habits

Power Indication

Intuitive display ●●●●



1 Constant-on	● ● ● ●	25%
2 Constant-on	● ● ● ●	50%
3 Constant-on	● ● ● ●	75%
4 Constant-on	● ● ● ●	100%



Dual Protection Safeguards

Transportation Guarantee

Adjusting the headlamp upward to avoid accidental activation during carrying or transportation



Lockout Mode

When the headlamp is off, long press both buttons for 2 seconds until the headlamp flashes 3 times to indicate access to the Lockout Mode.



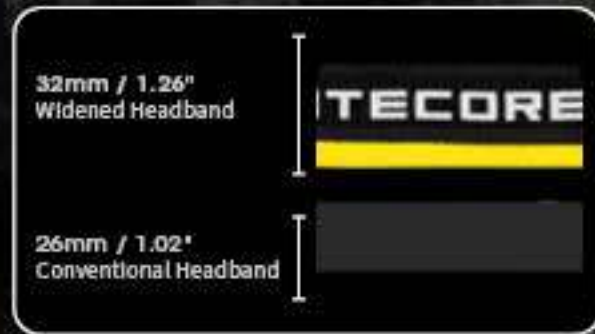
* Note: The headlamp will be automatically unlocked when charging or replacing the battery in the Lockout Mode.

Skin Friendly Lightweight Headband

Stable Safe Breathable

The headband features reflective strips to increase visibility at night for added safety. The widened silicone strip fits snugly around your head, keeping the headlamp securely in place.

And the included top strap can be used for enhanced stability.



Widened



Reflective



Anti-Slip



Hollow

IP68

Dustproof
and Waterproof

2m

Impact Resistant

Weighing 209g / 7.37 oz (battery, bracket and headband included), the all-metal body of the HC75 UHE is crafted from aero grade aluminum alloy with HA III military grade hard-anodized finish, offering exceptional strength and long-lasting durability.



**Nighttime
Maintenance**



Outdoor Work



Search and Rescue



Trekking



Technical Data

FL1 STANDARD	Primary Light (Neutral White Light)							Red Light		
	Mixed Light	Spotlight / Floodlight / Mixed Light			Floodlight	Mixed Light				
	*TURBO	HIGH	MID	LOW	ULTRALOW	SOS	BEACON	HIGH	LOW	SLOW FLASHING
	3,000 Lumens	1,500 Lumens	600 Lumens	200 Lumens	40 Lumens	1,500 Lumens	1,500 Lumens	30 Lumens	5 Lumens	30 Lumens
	4h 30min	7h 15min	12h	32h	84h	—	—	41h	73h	—
	192m	136m	82m	47m	12m	—	—	10m	4m	—
	9,216cd	4,612cd	1,683cd	561cd	35cd	—	—	23cd	4cd	—
	2m (Impact Resistance)									
	IP68, 2m (Waterproof and Submersible)									

Note: The stated data is measured by using the NITECORE 21700 rechargeable LI-ion battery (5,500mAh) in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019 at an ambient temperature of 26° C (79° F) from the NITECORE Lab. The data may vary in real world use due to different batteries usage or environmental conditions.

* The 3000-lumen TURBO level is only accessible when using a 21700 rechargeable LI-ion battery with a discharge current over 8A.

* This product is equipped with a thermal protection function, which automatically regulates the output of the product according to the working condition to maintain the optimal performance.

Features

- Max output of 3,000 lumens
- Utilizes 8 x 4-core UHE LEDs
- Equipped with primary lights (color temperature: 4,500K) featuring electronic focus adjustment of spotlight / floodlight, and auxiliary red lights
- Utilizes an optical matrix lens system with various facets
- Includes a 5,500mAh 21700 high capacity Li-ion battery
- Highly efficient constant current circuit provides a stable output
- Built-in intelligent Li-ion battery charging circuit with a USB-C charging port
- Designed with two buttons different in shape and touch, offering quick operation
- Offers 5 brightness levels, 3 special modes, and 2 brightness options for red light
- Designed with 4 power indicators to indicate the remaining battery power
- Constructed from PC and aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Includes a removable bracket
- Impact resistant to 2 meters
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)



Package List



HC75 UHE



USB-C to USB-C
Charging Cable



NITECORE NL2155HP
Rechargeable Li-ion Battery



Storage Case



Top Strap



Spare O-ring