

LC NDT HD-Series LED UV Headlamp



The HD-100/200 comes in 2 Versions:

- HD-100 Focused UV Headlamp: $\sim 4,500 \mu\text{W}/\text{cm}^2$
- HD-200 Broad Beam UV Headlamp: $3,000 \mu\text{W}/\text{cm}^2$

Features:

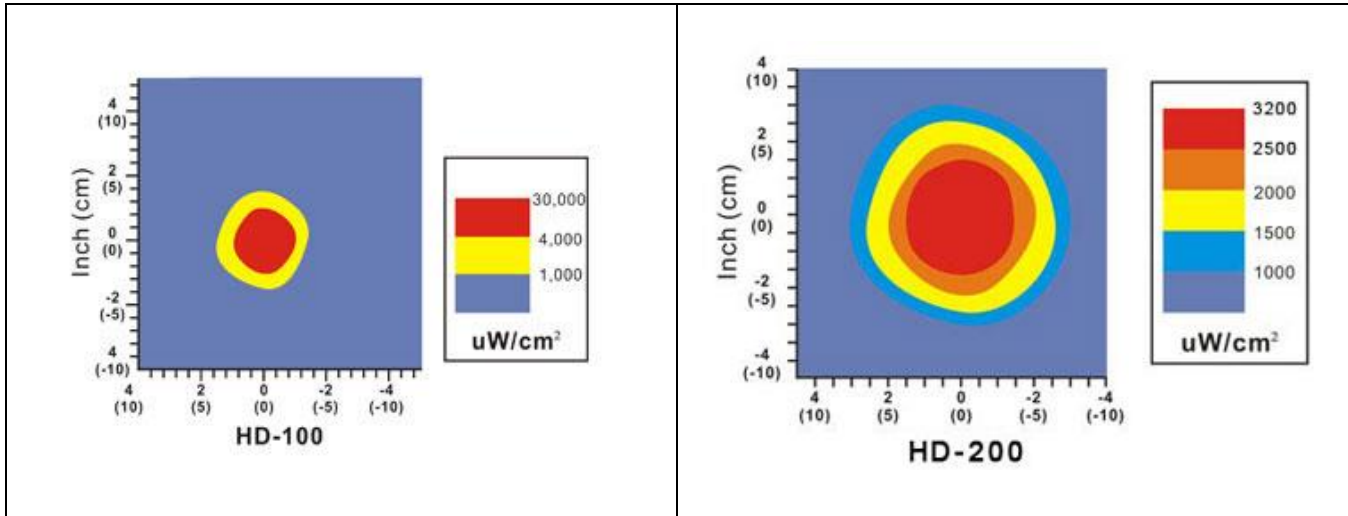
- Meets ASTM UV-A intensity and LED wavelength specifications for FPI and MPI.
- 10 hours of continuous operation on a single set of batteries
- No heat
- Powerful Nichia LEDs – 365nm
- LED lifespan > 30,000 hours
- Only 0.6 pounds – convenient to use
- Supplied with a Certificate of Conformance for both wavelengths and output measurements.
- IP65 Protected, black anodized aluminum body

Specifications:

UV Intensity @ 15" (38 cm):

HD-100: ~4,500 $\mu\text{W}/\text{cm}^2$

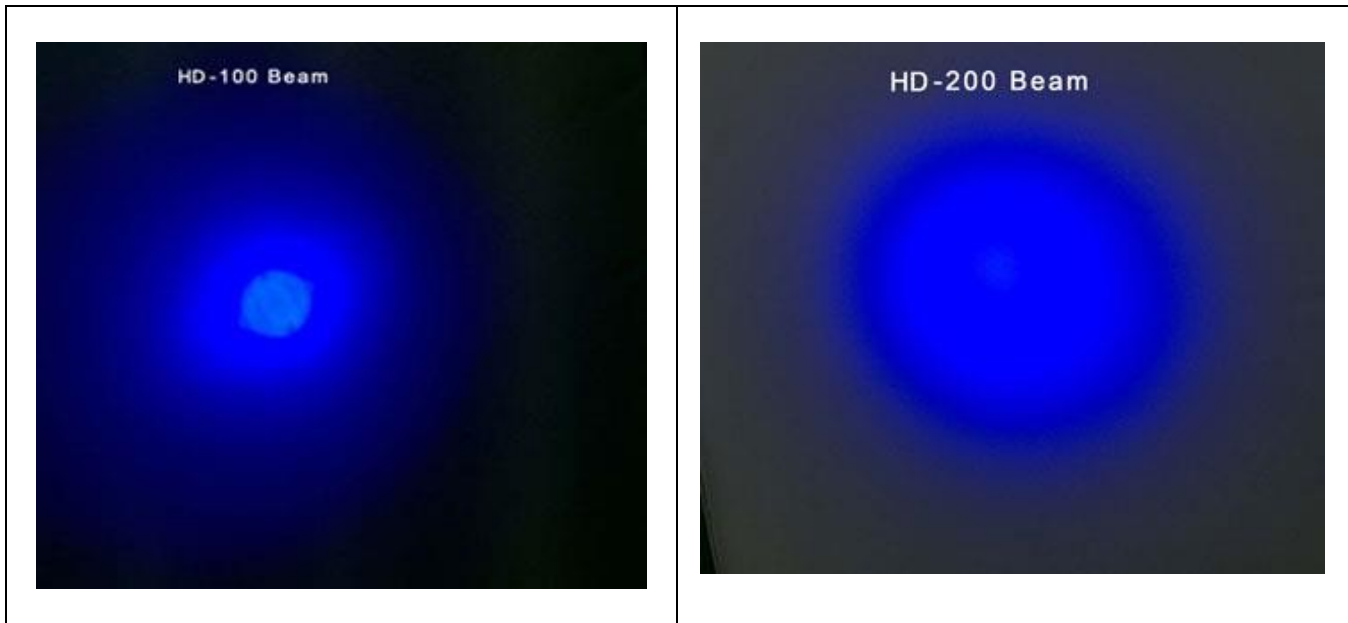
HD-200: 3,000 $\mu\text{W}/\text{cm}^2$



Diameter UV Coverage Area @ 15" (38 cm)

HD-100: 2.6" (6.5cm)

HD-200: 5.1" (13cm)



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Additional Specifications:

- Low Visible Light Emission – less than 2 ft. candles (22 lux)
- Dimensions: 8.2" x Φ 1.7" (210 x Φ 45mm)
- Head Part Diameter: Φ 7.9" (Φ 220mm)
- Power: Two 18650 Li-ion rechargeable batteries
- Weight: 0.6 lbs. (250g)

Standard Package Includes:

- UV Headlamp
- UV Absorbing Spectacles
- Two 18650 Li-ion rechargeable batteries
- 110 – 220 VAC Charger
- Robust Carrying Case
- PURE-365 Wood Glass UV Filter
- Certification to ASTM E1417, ASTM E1444, ASTM E2297, ASTM E3022



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