



photo courtesy of Grace Lee Peng, M.D.

DESIGNS
FOR VISION



™

presents the NEW Wearable Technology with



without HDi



with HDi

HDi[™]

High Definition
Imaging

Patent Pending

NEW HIGH DEFINITION IMAGING – HDi

UNIFORM LIGHT DISTRIBUTION

advanced photonic design provides uniform light distribution with maximum intensity

MORE ILLUMINATION

optically focused LED provides 45% more light



presents **HDi™** Wearable Technology

BRILLIANT

HDi's advanced photonic design provides 45% more light with an even field of illumination.

MODULAR

The HDi Universal Power Pack recognizes and operates the HDi headlight of your choice.

Each HDi headlight is equipped with a modular T-mount enabling you to move the headlight to and from the magnification or headset you require.

FLEXIBLE

The HDi LED series provides a wide range of illumination to choose from. Each modular light can be locked into a position coaxial to your line of sight.



LED DayLite® HDi™

Increased light output yet light enough to clip on loupes or headset

100,000 LUX OUTPUT

45% brighter with HDi even field illumination



HDi™ Universal

HDi™ Universal Power Pack

modular design powers the HDi headlight of your choice



ONE TOUCH OPERATION provides complete control with the touch of an elbow

TWO POWER PACKS – recharge one while using the other

ROBUST USB CONNECTIONS – Lightweight USB to Micro USB cable links power pack to the HDi headlight of your choice

FUEL GAUGE with visible charge status indicator

USER REPLACEABLE LI-ION BATTERY – highest energy density available on the market

FULLY APPROVED TO INTERNATIONAL STANDARDS – meeting the 60601 Edition 3.1 for electrical safety standards as well as EMC 4th edition

HDi™ Headlight Specifications



LED UltraMini HDi™*

Weight	0.5 oz. / 14.2 grams
Light Output	55,000 Lux of HDi illumination @ 12 inches
Spot Size	76 mm @ 12 inches
Runtime	High Intensity: 10 hours Medium Intensity: 17 hours
Color Temp.	5800° K



LED DayLite® HDi™

Weight	1 oz. / 28.3 grams
Light Output	100,000 Lux of HDi illumination @ 13 inches
Spot Size	57.2 mm @ 13 inches
Runtime	High Intensity: 6.5 hours Medium Intensity: 8.5 hours
Color Temp.	5800° K



LED Twin Beam® HDi™

Weight	2.9 oz. / 82.2 grams
Light Output	140,000 Lux of HDi illumination @ 16 inches
Spot Size	66.5 mm @ 16 inches
Runtime	High Intensity: 4 hours Medium Intensity: 5.4 hours
Color Temp.	5800° K

* Panoramic Spot available to cover panoramic loupes field of view providing 40,000 Lux of HDi illumination @ 12 inches



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