



X-Series HeadLight

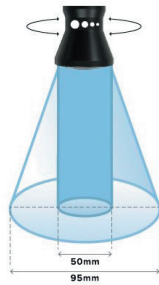
ADJUSTABLE SURGICAL QUALITY LED HEADLIGHT

Made in Australia

VOROTEK
experience. knowledge. performance



HeadBand Model



Adjustable Spot Size



Power Pack & Charger



Dimmer Switch

X-Series HeadLight

ADJUSTABLE SURGICAL QUALITY LED HEADLIGHT

VorOtek was founded in 1971 by Australian ENT surgeon Dr John Vorrath. For over fifty years Dr Vorrath has been developing and producing head worn fully integrated optical systems with illumination. His drive has always been to provide users with products that enhance their capability for examination, instrumentation and procedures.

Dynamic Illumination System

Vorotek's Dynamic Illumination System allows the user to adjust both the spot size and illumination intensity by simply rotating the lens housing. The result is a dramatic increase in light intensity at the smallest spot size.

Adjustable Spot Size

The spot size can be adjusted infinitely between 50mm and 95mm at a distance of 400mm from the front lens.

Complete Freedom and Mobility

The Vorotek X-Series Headlight is untethered from a fibre optic light source or power lead, giving the user complete freedom and mobility.

Surgical Quality LED Illumination

Vorotek's compound lens system and high efficiency LED technology produces:

- Light intensity of 90,000 Lux up to a brilliant 150,000 Lux
- Colour temperature of 5,700 Degrees Kelvin
- Colour Rendering Index of CRI 75
- Homogenous edge-to-edge uniformity

Coaxial LED Illumination

The illumination can be adjusted to align with the individual's visual pathway, allowing shadow free illumination of the surgical field of view.

Dimmable LED illumination

The dimmer switch provides 8 evenly spaced levels of illumination (essential for eye procedures) with a clear LCD display.

Portable Power Supply

The high capacity Lithium Ion Power Pack (either belt or pocket worn), provides 7hrs to >20hrs "on time" depending on the illumination level.

Ergonomic Features

Head worn, light weight and compact, emphasizing simplicity, durability and comfort. The angle of declination of the illumination can be adjusted to the individual's preferred head and neck position.

HeadBand Model

The HeadBand model is fully adjustable which makes it ideal for shared use. It can be used over prescription glasses.

Durable

Outstanding reliability and durability results from experience and knowledge acquired by Vorotek over 40 years.

Designed & Manufactured in Australia

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