



NUVO
Verde
SURGICAL LIGHT

BRINGING
EFFICIENCY
TO THE OPERATING ROOM



PRODUCT
OVERVIEW

NUVO Verdé



Non Sterile Controls

In addition to the sterile handle controls, the circulator has convenient access to controls located on the wall and on the yoke of the light.



All Lights Camera Ready

Whether you order an In-Light Camera with your light or add it at a later date, every light is delivered pre-wired with all the camera controls at no additional cost.



Monitor Ready

Every light can be configured to be Monitor-Ready making the task of adding monitors at a later date virtually seamless. Monitors can be added in a matter of hours without unforeseen upgrade costs.



Optimal Light Pattern and Cavity Penetration

The LFL lens system harmonizes individual rays of light into one coherent array resulting in an extremely homogenous pattern of light that is adjustable for smaller less invasive procedures up to a much larger pattern for more invasive cardiac/spinal procedures.

Even with as much as 75% of the projected light blocked the surgical team will still experience excellent illumination of the overall surgical field.

The low profile, smooth lines of the light are key components contributing to the low turbulence coefficients measured in laminar airflow rooms. The sophisticated thermal management system employed by the light keeps rising air currents to an absolute minimum which contribute greatly to maintaining turbulent free air flow.

*Green by Name,
Green by Nature...*

The NUVO *Verde* Surgical Light

Cutting edge technology combined with eco-friendly features deliver an advanced OR Surgical Light. The industries highest intensity consumes the lowest amount of power. The industries highest intensity also generates the least amount of heat. The make up of the optics combine Red, Green and Blue to replicate the way we view colors making it the only light in the world to maintain a constant CRI value through the entire intensity range.

In true NUVO tradition the *Verde* comes to market steeped in unique features that deliver tangible benefits to the surgical team to improve procedural efficiency and surgical safety with unparalleled visual clarity,



The power from each LED has been harnessed through a combination of custom reflectors and finely honed lenses to deliver a truly homogeneous light pattern.



Clinical modeling has demonstrated superior performance, achieved through an outer array of light clusters overlapped with an inner radial grouping to deliver uncompromising shadow compensation with excellent cavity penetration.



The grouping of the LEDs harmonize to deliver color correct light with an optical CRI of >93 and R2 values up to 95.

The Unique blend of colored LED's deliver unparalleled viewing clarity under daylight conditions.



Sterile Handle Controls

Surgeon Inspired, NUVO was the first company to bring you "TOTAL CONTROL" of the lights functions all from the touch of a button on the sterile handle.



Optimum Vision in Daylight and...



When switched to the laparoscopic lighting mode the Green Light provides great night vision for the staff in a darkened room while enhancing all images displayed on monitors being used for surgery.

Optimum Vision in Night Light

Product Specifications

	Verde NV3	Verde NV4
Light Intensity (LUX)	59,000 - 120,000	90,000 - 160,000
Pattern Intensity	50 - 100%	50 - 100%
Pattern Size (inches)	8 - 10 1/2	8 - 12
CRI Index	>93	>93
Radiation Index (R _g)	96	92
Controls in the Sterile Field	YES	YES
Green Light Mode	YES	YES
LED Projected Life (hrs)	>30,000	>30,000



*A member of the
Medical Illumination International Group*

5368 Kuhl Road • Erie, PA 16510-4703
(800) 663-1152 • (814) 899-4220
Fax: (814) 899-1410

www.nuvosurgical.com

NUVO reserves the right to make changes without notice in design, specifications, and materials. The only warranty NUVO makes is that we have the highest quality products available at the time of purchase.

© 2007 NUVO LLC. RIGHTS RESERVED.



B2200105