

SKYTRON®

ALURA



**Hybrid LED Design Leadership
with Direct Surgeon Control**

The Ultimate LED Surgical Light



Skytron's Aurora II is truly state-of-the-art, representing the culmination of years of LED lighting research & development. At the heart of Aurora II design is its high performance, Hybrid LED optical system. Aurora II is equipped with dynamically focusable, high intensity LED optics that provide superior deep cavity illumination. At its center are fixed focus, Centra LEDs which produce a superiorly bright, cool and uniform column of light to the surgical field. 'Best in Class' Aurora II Hybrid LED combines advanced, fixed focus and focusable LED technologies into one, ultimate high performance surgical lighting system.

HYBRID COOL BRIGHT COLOR CORRECT SHADOW FREE ENERGY EFFICIENT

AURORA Hybrid LED Lighting Leadership

Control. On/Off, Intensity & Focus are directly controlled by the surgeon.

Optics. 'Best in Class' Hybrid Optics deliver an unbeatable combination of dynamically focusable and Centra, fixed focus LEDs; creating the highest quality column of surgical light with superior deep cavity illumination for every procedure.

Next Generation Shadow Control. Aurora II delivers Bright, Shadow Free Illumination without glare or hot spots.

Timely, On-demand Color Temperature Control, providing surgeons' with their choice of 4000K (Soft White) or 4500K (Bright White). Aurora II's Color Rendering Index (CRI) is 92.

Removable, High Definition (HD) Precision Handle Camera. Aurora II's Precision HD handle camera provides superb quality video for teaching, recording, teleconferencing and more. All Aurora II radial arm sets are pre-wired and HD Camera ready.



Optimally Bright, Cool and Color Correct lighting for every procedure. Aurora II lightheads deliver up to 160,000 lux (AUR7) and 135,000 lux (AUR5).

Long lasting, energy efficient Aurora II LED light sources last a minimum of 10 years, requiring less than 1/2 the energy needed to power traditional halogen systems.



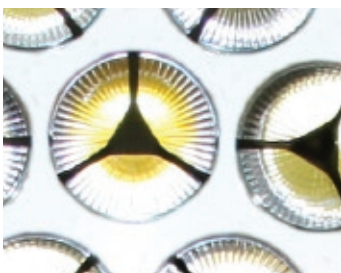
State-of-the-Art HYBRID
(Fixed and Focusable)
LED Optics



Direct Surgeon Control
for ON/OFF, Intensity
& Focus



Selectable Color Temperature for
every Procedure 4,000K (Soft White)
4,500K (Bright White)



Advanced VSRD High Performance Optics within each LED



LED Pods last a minimum of 10 years



Optional Precision HD High Definition Camera for superb quality video images

'Best of Both Worlds' Hybrid LED Optics

Advanced LED Design Delivers the 'Best of Both Worlds'

Aurora II's Hybrid LED technology delivers the 'Best of Both Worlds', with a combination of Centra, high intensity fixed focus and dynamically focusable, satellite LEDs that optimize overall lighting performance. Aurora II produces the perfect blend of robust, high intensity illumination without glare or shadows. Surgical lighting is ultimately bright, cool and color correct, providing maximum visualization throughout its entire depth of field, to the bottom of the surgical site.



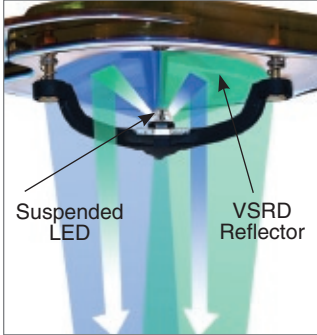
HYBRID Strength in Unity with Dynamically Focusable & Centra Fixed Focus LEDs



High Performance, VSRD Optics

Advanced Vertically Segmented Reflector Design (VSRD) Optics greatly enhance the lighting performance of each LED. VSRD optics produce a multitude of lighting segments that culminate together to create a premium quality of bright and cool, high intensity illumination without shadows.

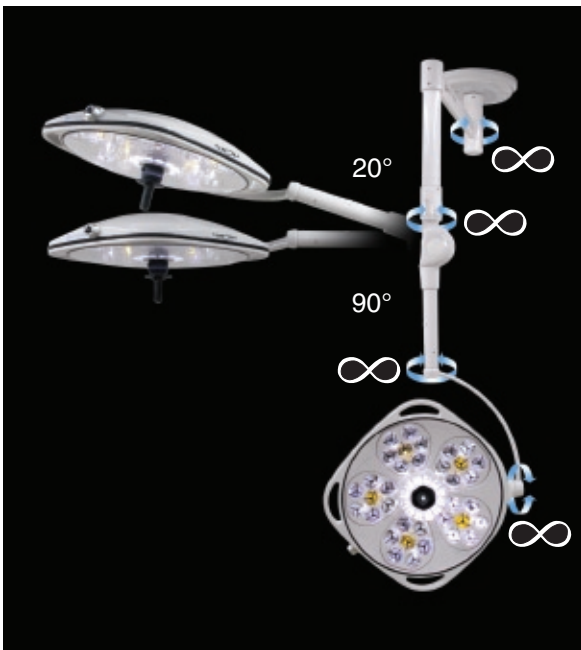
Advanced Performance & Longevity with Direct Focus Control



Aurora II Hybrid LED optics utilize multiple, suspended LED light sources that protect each LED against heat degradation. Heat is the number one enemy of LED performance and longevity. Aurora II's superior lighthead design suspends each LED, protecting it against the build up of heat. Fewer, more efficient and powerful LEDs deliver optimal lighting intensity of 160,000 lux (AUR7) or 135,000 lux (AUR5) for a minimum of 10 years.

Independently suspended Aurora II LEDs are positioned below dedicated VSRD reflectors.

Direct Focus Control



AURORA LED Positioning Flexibility

Aurora II LED provides feather light maneuverability along with continuously infinite rotation at all points of articulation; including 20° upward vertical movement for taller surgeons. In addition, Aurora II provides 90° downward flexibility to deliver bright, cool and color correct lighting where it is needed most.



LED Lighthead focused at 30 in. (76cm)

LED Lighthead focused at 48 in. (122cm)

Dynamically focusable, satellite LEDs combine with high intensity fixed focus Centra LEDs to deliver superior, deep cavity illumination, without shadows. Aurora II provides Direct Surgeon Control of On/Off, Intensity *and* Focus.

The Color Temperature Choice That's Always Right for You!



**4,500K Color Temperature
(Bright White)**



Aurora II Hybrid LED Selectable Color Temperature Control.



*Amber LEDs
in each POD
are illuminated.*

**4,000K Color Temperature
(Soft White)**

Selectable Color Temperature for Every Procedure

Color correct temperature of 4,000K or 4,500K can be flexibly determined case by case (or during the surgical case), based upon each surgeon's individual needs and preferences. It's like having two lighting systems in one!

AURORA Hybrid LED Energy Efficient Technology

Aurora II provides high intensity, cool surgical lighting without breaking your energy budget. Hybrid LED lights require very low energy to operate, less than half the energy of traditional halogen systems. LED Pods last a minimum of 10 years.



AURORA
LED Pod

10 Year Energy Use



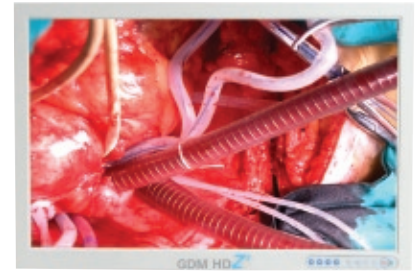
Halogen

AURORA
Hybrid LED

Precision **HD** High Definition Camera System



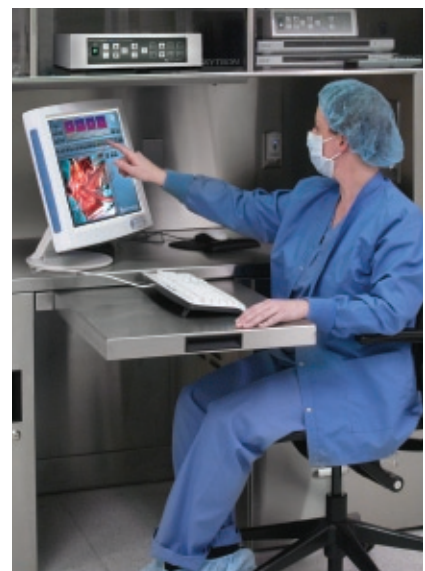
Skytron's **Precision HD** Camera System provides **dynamic, superb quality video** for Aurora II Camera Ready lighthead. HD Camera design permits **transport from room to room.**



Precision HD Camera Controller (front)



Precision HD Camera Controller (back)



AURORA Hybrid LED Lighthouse Configurations



AUR5 (135,000 Lux)



AUR7 (160,000 Lux)



AUR55 (270,000 Lux)



AUR75 (295,000 Lux)



AUR555 (405,000 Lux)



AUR575 (430,000 Lux)

Innovating Efficient Solutions for Healthcare Since 1972



Technology Management



RTLS, RFID Asset Manager



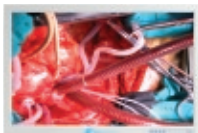
Hybrid LED Lights



intellisurg™
Turn-key Surgical
Center Solutions



Hybrid Rooms



HD Flat Panel Displays



Integration



CS Products



Tables



Booms



Stainless



5085 Corporate Exchange Blvd. SE, Grand Rapids, MI 49512
1-800-SKYTRON (759-8766) Fax: 616-656-2906
e-mail: sales@skytron.us

Local Representative

MAR-B-0001 REV0
3/09