We’re here for life.
Surgical Lighting Solutions

A quarter of a century ago the concept of “making it work for you” became the foundation which has developed, formed and ensured the Hipac of today stands tall amongst Australia’s leading healthcare product suppliers.

From the intensity, pressure and technological environment of the operating theatre to the relaxed and caring atmosphere of the mental health facility, we have the solutions and the experience to make it work for you.

We understand the demands placed upon healthcare department managers, medical professionals and their assistants.

We understand that equipment needs to work on demand, on time, and every time.

We understand that here in Australia specialised healthcare equipment is mostly best sourced internationally where state of the art technology and generous manufacturing quantities can produce reliable and safe products.

We also understand that international product offering doesn’t always suit local practice.

That’s why we operate our own manufacturing facility, backed by a premium after sales national service network, to provide the connection that allows us to deliver a solution suited to your specific requirements.

It is likely that you have already experienced the Hipac advantage. If not, we look forward to exploring how we can best make it work for you.
Mission
We’re here for life. We’re here to preserve life, to protect life and to promote life. We’re here for others and we’re here for good.

Vision
A vibrant enthusiastic team of dynamic individuals possessing a genuine interest in the needs of those surrounding them, whose attitude and actions benefit not only our clients and their patients but reach out to touch humanity.

Our staff find work rewarding and enjoyable and our customers find engagement with them fulfilling. Stakeholders are satisfied and supportive.

A carefully selected portfolio of solid reliable products is sourced from a long lineup of manufacturers worldwide seeking well supported representation throughout the country.

Growth is sustained by the energy of a service division unequalled for its reliability, dependability and efficiency. It will be capable of a four hour response time anywhere on this vast continent.

Relationships formed will endure.

Guiding Principles

Integrity
Open, honest and loyal in every sphere and relationship.

Selflessness
Put the needs of others ahead of my own.

Consideration
Possess a caring and considerate disposition.

Courtesy
A smile, a kind word, a greeting costs nothing but is priceless.

Generosity
Display a spirit of generosity, kindness and compassion.

Orderliness
Maintain tidy and safe facilities, work areas and practices.

Effectiveness
Do it once, do it right and do it in the least amount of time. Be punctual.

Communication
Keep customers, suppliers and fellow workers informed.

Recordkeeping
Maintain accurate records for a better tomorrow. Be accountable.

Innovation
Do it smarter, better, quicker. Think outside the box.

Action
See a need do something about it... now.
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Skytron brings today's most advanced technologies to the Aurora 3 LED light which features surgeon control of positioning, focus, and intensity from the sterile centre handle. Providing up to a maximum of 160,000 lux of high intensity light, with excellent deep cavity illumination, the Aurora 3's unique Vertically Segmented Reflector Design (VSRD) LEDs reduce shadows and provide a clear, homogenous spot which allows clinicians to comfortably achieve the visibility required for every procedure.

Adjustable Colour Temperature
With the Skytron Aurora 3 wall control unit the surgeon can select the colour temperature of preference with warmer 4100°K or bright white 4500°K light. The LEDs produce a cool comfortable beam for the surgical team.

Positioning Flexibility
The Aurora 3 LED suspension system provides feather-like manoeuvrability, infinite 360° rotation at all points of articulation and years of drift free service. This includes 20° upward vertical movement for taller surgeons. Each Aurora 3 fixture can be optionally outfitted with the Precision HD video camera or integrated with boom or display arms.

High Performance VSRD Optics
Aurora 3 advanced hybrid LED technology delivers superior lighting with a combination of both Centra, high intensity fixed focus and dynamically focusable satellite LEDs.

Heat is the number one enemy of LED performance and longevity so Aurora 3 uses Advanced Vertically Segmented Reflector Design (VSRD) Optics which utilise multiple, suspended LED light sources that protect each LED against heat degradation. This design also greatly enhances the lighting performance by producing a multitude of lighting segments that culminate together to create a premium quality of bright and cool, high intensity illumination without glare or shadows.

Aurora 3 surgical lighting is ultimately bright, cool and colour correct, providing maximum visualisation throughout its entire depth of field.

Energy Efficient
Energy efficient and Eco friendly, using less than half the energy of halogen, with no bulbs to change and LEDs that last over 40,000 hours make the Skytron Aurora 3 the choice of hundreds of hospitals worldwide.
Skytron Aurora 3 Lighting Systems

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

Direct Surgeon Control of Intensity & Focus

Selectable color temperature for every procedure based on each surgeon’s individual needs and preferences
Skytron Aurora 3 Lighting Systems

Advanced VSRD High Performance Optics within each LED

Aurora 3 LED Pods last a minimum of 40000 hrs of use

Optional Precision HD High Definition Camera for superb quality video images
Skytron Aurora 3 LED lights have multiple configurations to suit every application.

Single, Dual and Triple Configurations. From a minor procedure room to complex multi disciplinary operating theatres, the Skytron Aurora 3 LED can be tailored to any application. Suitable for all disciplines of surgery including:

- General Surgery
- Orthopedic Surgery
- Cardiovascular Surgery
- ENT Surgery
- Vascular Surgery
- Urology
- Neurosurgery
- Trauma Surgery
- Plastic Surgery
- Hybrid Rooms
- Labor and Delivery
- Cardiac Cath Labs
- GI Labs
- C-Section Rooms
- EP Labs

AUT5 (135,000 Lux)
AUT7 (160,000 Lux)
AUT55 (270,000 Lux)
AUT75 (295,000 Lux)
AUT555 (405,000 Lux)
AUT575 (430,000 Lux)

Extended Arms
For hybrid, imaging or special applications that need an arm reach up to 3 metres.

Optional Display Arms
Further increase the versatility of your Skytron Aurora 3 lighting system by adding arms to support video monitors or external cameras.

Ergon Skyboom Centre and Central Tandem Mounts
Skytron Aurora 3 LED lights can be added to Ergon Centre and Central Tandem Mounts.

Mobile Stand Light Model
The same great light on a durable mobile stand provides the freedom of portability without sacrificing quality.
Skytron’s Precision HD Camera System provides dynamic, superb quality video for Aurora II Camera Ready lightheads.

High quality, surgical video begins with the Precision HD Camera System. This compact system fits any camera-ready, Aurora 3 light head handle and allows you to capture high-definition video of any procedure. See every detail of your patient’s case clearly with the advanced camera capabilities such as rotation, iris adjustment, zoom, d zoom, auto focus and much more.

The camera design also allows convenient transport from room to room, meaning that you can achieve superior video and clarity in any OR equipped with Aurora 3 surgical lights.

**KEY FEATURES**

- Handle-mounted, compact design
- 120x zoom (10x optical, 12x digital)
- High-speed, auto focus lens
- Offers flexible outputs for video conferencing, broadcasting and point-of-view applications
- Controls include: camera rotation, iris adjustment, zoom, d zoom, focus, auto focus, auto white balance, one-push white balance and freeze
- Resolution is 1080i (1920 x 1080) analog; 1080p (1920 x 1080) digital
- HD analog Y/Pb/Pr, RGB, DVI-D outputs are available
- Sterilisable or disposable cover permits surgeon control of surgical lighting and focus adjustments
Skytron Nautilus Lighting Systems

Nautilus Fixed Focus LED Technology

The Nautilus LED surgical lights combine brilliant illumination, reliable performance and incredible value into a single light. The streamlined design provides everything needed for a clinical environment, at a price that will satisfy any budget.

With an intensity of up to 160,000 lux, the Nautilus LED surgical lights provide brilliant white, colour-correct light for deep-cavity illumination. A range of configuration options, positioning flexibility and lightweight manoeuvrability, ensures the systems can accommodate varied procedure needs.

Designed to stand up against the rigors of the most demanding ORs, Nautilus LED lights are also built for durability. Each LED sits suspended from the light head surface, thereby minimising its exposure to heat and extending the life of the fixture.

Nautilus LED lighting systems also feature a Vertically Segmented Reflector Design (VSRD). With this unique design, the LED’s beam is reflected and split into overlapping rays that produce a clear, homogenous spot with minimal shadows. This unique reflector technology sets the Nautilus light apart and provides crisp illumination for every procedure. With LEDs rated for 20,000 hours of operation, these lights offer lower lifecycle costs through efficiency and energy savings.

Simply Brilliant
Skytron Nautilus Lighting Systems

Incredible value comes to LED Lighting Technology.

The Skytron Nautilus LED surgical light presents the perfect balance of performance, manoeuvrability and dependability with all the essential features in an elegantly simple design.

Each 635mm surgical lighthead delivers 160,000 Lux with a color temperature of 4,300° Kelvin. The 36 high efficiency LEDs per lighthead provide a minimum life of 20,000 hours.

Skytron Nautilus LED lights have the versatility you are looking for.

Single, Dual and Triple Configuration
From a minor procedure room to complex surgery, the Nautilus LED can be tailored to any application.

Optional Display Arms
Further increase the versatility of your Skytron Nautilus lighting system by adding arms to support video monitors or external cameras.

Ergon Skyboom Centre and Central Tandem Mounts
Skytron Nautilus LED lights can be added to Ergon Centre and Central Tandem Mounts.

Mobile Stand Light Model
The same great light on a durable mobile stand provides the freedom of portability without sacrificing quality.
We surveyed surgeons, nurses, and other OR personnel to find out what is important when considering the purchase of surgical lights. This is what they told us:

**Surgeons want Maximum Performance**
Each Skytron Nautilus LED light provides up to 160,000 lux of brilliant white light, deep cavity illumination and the flexibility to satisfy the needs for all specialties.

**Nurses want Reliability**
The Skytron Nautilus LED elegant design has no moving parts or non-essential electronic components that create problems or need service.

**Biomedical Equipment Technicians want Durability**
Surgical lights are subject to extreme working conditions, frequent movement, long hours of use and sustain many impacts. Skytron’s Nautilus LED utilises a time tested suspension system and high impact polymer light heads to absorb the rigors of the operating room for years of trouble free use. Extended warranties and preventative maintenance programs are available.

**Administrators asked for Value**
The Skytron Nautilus LED offers all the advantages of LED lights at the price of halogen. Benefits include no bulbs to change along with cooler operation and energy savings, making LED lights the preferred technology for surgical lighting.

Applications include:
- General Surgery
- Neurosurgery
- ENT Surgery
- Labour and Delivery
- C-Section Rooms
- Orthopedic Surgery
- Trauma Surgery
- Vascular Surgery
- Cardiac Cath Labs
- EP Labs
- Cardiovascular Surgery
- Plastic Surgery
- Urology
- GI Labs
- Intensive Care Units
Introducing a new dimension to cordless Surgical Headlight Systems

Battery Longevity
Integrated lithium polymer batteries can be hot-swapped without losing power.

Co-axial Beam Angle
Ergonomical design allows for a full range of motion to obtain desired beam angle.

Rapid USB Charging
USB charging from a wall adapter or computer.

Battery Fuel Gauge
Battery fuel gauge indicates how much battery power remains.

Enhanced Spot
Spot adjustment allows user to fine tune the spot image for working distance.

Digital Dimming
Built in rheostat allows the user to power the unit on and adjust to the desired brightness level.

USB Charging Cable and Adapter
USB charging from a wall adapter or computer.

Secure Carrying Case

Two Lithium Polymer Batteries

Comfortable
Built in rheostat allows the user to power the unit on and adjust to the desired brightness level.

Battery Longevity
6.5–7 hours with 2 batteries (Infinite with Hot swap feature).

Digital Dimming
Brightness Adjustable between 0–100%.

Spot Enhancement
200,000 LUX (5cm spot diameter / 25cm working distance).
We’re here for life.