

Surgical outcomes
just got brighter



Quasar
Surgical Headlight

Quantum
Surgical Headlight





A shining example of our **commitment to surgeons**

Incredible brightness intensity. Impossibly lightweight comfort. Precise and comfortable adjustments. Battery packs that last for hours on end. It's what surgeons asked for. And it's what we're delivering with the Quantum and Quasar Surgical Headlights.

Our surgical headlamps are designed to shine bright and last long during a procedure. With two series of headlamps that offer two different color temperatures, we have your needs and preferences covered.

Lighter

Our headlights are some of the world's lightest ever made, perfectly balanced for comfort in the OR.¹

- **Quantum Surgical Headlight:** 12oz
- **Quasar Surgical Headlight:** 6oz
- **Battery:** .68lbs



Find the perfect fit

Shape the fit and angle to your exact needs. Designed for comfortable and long-term wear, our surgical headlights have several adjustable features.



Brighter

When you're in the OR, don't settle for less than best-in-class brightness. While every competitor utilizes only one LED, the Quantum Surgical Headlight has three symmetrically distributed LED lights housed within a single light barrel, creating the brightest light intensity on the market.¹

Quantum Surgical Headlight

- Up to 500,000 LUX at 10 inches away (the world's brightest)
- Available in cool (6100K) or warm (4500K) color temperature options
- 13 brightness intensity settings to choose from

Quasar Surgical Headlight

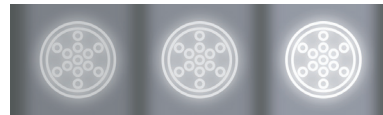
- Up to 300,000 LUX at 10 inches away
- Available in cool (6100K) or warm (4500K) color temperature options
- 13 brightness intensity settings to choose from



Color temperature and brightness options

Cool – designed for power and brightness

Warm – designed for better color tissue rendition



Low intensity Medium intensity High intensity



Low intensity Medium intensity High intensity

Get precise illumination

Adjustable spot size ranges from 2in to 5in.

Quantum Cool



2 in | 5 cm

5 in | 12 cm

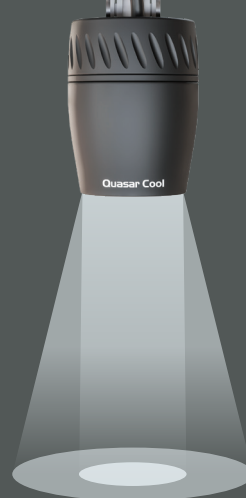
Quantum Warm



2 in | 5 cm

5 in | 12 cm

Quasar Cool



2 in | 5 cm

5 in | 12 cm

Quasar Warm



2 in | 5 cm

5 in | 12 cm

Longer lasting

Never think about losing power. Our PP4 battery packs last for hours on end and clip to you easily, so you're never tethered to a power source. Each kit includes two batteries for convenient back-up coverage.

Quantum PP4 run time

- 5- to 10-hour run time

Quasar PP4 run time

- 10- to 24-hour run time

PP4 charge time

- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



Gain uncompromising safety

No fans or vents

- Our surgical headlamps eliminate the need for fans or vents, which mitigates the spreading of germs

Cleanable components

- Aluminum components—compared to plastic—can be cleaned with any standard hospital disinfectant

Antimicrobial protection

- Every headband pad comes with antimicrobial protection, which actively inhibits the growth of bacteria between cleanings



Surgical headlight specifications

	Quantum Cool	Quantum Warm	Quasar Cool	Quasar Warm
Light source	LED refractive technology	LED refractive technology	LED refractive technology	LED refractive technology
Lamp illumination	250,000+ LUX	175,000+ LUX	150,000+ LUX	115,000+ LUX
Color temperature	6100° Kelvin	4500° Kelvin	6100° Kelvin	4500° Kelvin
Illumination spot size	Adjustable; 2in to 5in (5.08cm to 12.7cm)	Adjustable; 2in to 5in (5.08cm to 12.7cm)	Adjustable; 2in to 5in (5.08cm to 12.7cm)	Adjustable; 2in to 5in (5.08cm to 12.7cm)
Headlight housing	Aluminum	Aluminum	Aluminum	Aluminum
Headlight weight	12oz (340g)	12oz (340g)	6oz (170g)	6oz (170g)
Headband material	Rigid nylon with double ratchet adjustability; antimicrobial protection on pads	Rigid nylon with double ratchet adjustability; antimicrobial protection on pads	Rigid plastic with double removable foam pads with antimicrobial protection	Rigid plastic with double removable foam pads with antimicrobial protection
LED chip manufacturer warranty	5 years	5 years	5 years	5 years
Battery type	Rechargeable lithium-ion (charger included)	Rechargeable lithium-ion (charger included)	Rechargeable lithium-ion (charger included)	Rechargeable lithium-ion (charger included)
Battery life	5-10 hours	5-10 hours	10-24 hours	10-24 hours
Battery charge time	0% life: 4 hours 50% life: 2 hours	0% life: 4 hours 50% life: 2 hours	0% life: 4 hours 50% life: 2 hours	0% life: 4 hours 50% life: 2 hours
Battery pack dimensions	3in x 4in x 1in (7.6cm x 10.2cm x 2.5cm)	3in x 4in x 1in (7.6cm x 10.2cm x 2.5cm)	3in x 4in x 1in (7.6cm x 10.2cm x 2.5cm)	3in x 4in x 1in (7.6cm x 10.2cm x 2.5cm)
Battery pack weight	.68lbs (0.3kg)	.68lbs (0.3kg)	.68lbs (0.3kg)	.68lbs (0.3kg)
Battery manufacturer warranty	1 year	1 year	1 year	1 year

Ordering information

Part numbers	Product kits
5460-700-001	Quasar Warm LED Kit
5460-700-002	Quasar Cool LED Kit
5460-700-003	Quantum Warm LED Kit
5460-700-004	Quantum Cool LED Kit
5460-700-005	Quasar Warm LED Kit (no case)
5460-700-006	Quasar Cool LED Kit (no case)
5460-700-007	Quantum Warm LED Kit (no case)
5460-700-008	Quantum Cool LED Kit (no case)

Part numbers	Individual products
5460-700-020	PP4 power pack
5460-700-021	PP4 power pack charging base station
5460-700-022	NA C-13 power cord
5460-700-023	Quantum Twist Cable
5460-700-024	Quasar Twist Cable
5460-700-025	PP4 battery belt
5460-700-027	Quantum Deluxe Comfort Pad Set
5460-700-028	Quasar Standard Comfort Pad Set
5460-700-029	Composite carrying case
5460-700-030	Quantum Occipital Mesh Replacement
5460-700-041	Quasar Standard Comfort Pad Set - 3 Pack
5460-700-042	Quantum Deluxe Comfort Pad Set - 3 Pack
5460-700-043	Quasar Standard Comfort Pad Set - 10 Pack
5460-700-044	Quantum Deluxe Comfort Pad Set - 10 Pack

Neurosurgical

1. Testing performed by Enova. Data on file at Enova.

The information presented is intended to demonstrate a Stryker product. A surgeon must always refer to the package insert, product label and/or instructions for use, including the instructions for cleaning and sterilization (if applicable), before using any Stryker product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area. Stryker or its affiliated entities own, use, or have applied for the following trademarks or service marks: Stryker. All other trademarks are trademarks of their respective owners or holders. All other trademarks are trademarks of their respective owners or holders.

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