Work around your patient - not your light.

**Flexibility:** With Helios LED dental lights, the operating field is illuminated from all angles... imagine thousands of individual light beams coming together to form the 3x6" Helios light pattern. With direct technology, you are limited by the amount of direct light beams shining at the target area - instead of thousands, there are 10, 12, etc. Don’t worry about your head/body blocking the light of Helios or about how close/far away from the patient the light is - get in whatever position is best for the exam at hand. Since there are thousands of beams of light shining on the patient’s mouth, obstructing part of the light path or moving the light closer/farther away has minimal effect on the pattern and usable light. A crisp, consistent light pattern will continue to illuminate the oral cavity in almost any position. Different story for direct technology: since there are a limited number of light beams focused on the target area, depth of field flexibility is limited. As you start to bring the light in closer, light beam separation is inevitable; as is color separation when the light is moved farther away. Calibration at 27” is key for any light, but that doesn’t mean every light is used at 27” for every patient, during every procedure, at every office. Count on Helios to let you work around your patient - not your light.

**Shadow reduction:** Reflective technology also means minimal shadowing. Place handpieces and instruments wherever you need them in the oral cavity - there will be minimal shadowing thanks to the reflected light of Helios. The story for direct LED lighting is different. In addition to a small hard shadow (normal for any light), a soft shadow affect can also be visible, potentially obscuring visibility in other areas of the oral cavity. Reduce your risk of shadows with the reflective technology of Helios.

**Patient comfort:** Your patient is never looking directly into your operatory light source with Helios, as light is always reflected. Combined with a crisp, consistent 3x6” light pattern that focuses only where you need it to (on the oral cavity), feel confident that patient comfort is maximized.

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**WHY REFLECTIVE LED TECHNOLOGY MAKES ALL THE DIFFERENCE**

**What is Reflective Technology?**
The light from Helios is pointed at the continuous curve of the reflector lens, and shines back at the target area (the patient’s oral cavity).

**Why does it matter?**
Reflective technology means more flexibility during procedures, reduced shadowing, and increased patient comfort.

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**HELIOS LED OPERATORY LIGHTING**

[Pelton & Crane](www.pelton.net)
Helios 1800 is the newest member of the Helios family of LED operatory lights, joining Helios 3000 - the heart of the Pelton & Crane LED family. Helios 1800 delivers enhanced performance over halogen operatory lighting, while Helios 3000 continues to lead the market with the ultimate LED performance.

**1. Light pattern**
- **Feature:** Helios lights provide a crisp, consistent 3x6" light pattern.
- **Benefit:** Focus only where you need to and keep light out of the patient’s eyes. Consistency ensures proper illumination in all areas of the oral cavity.

**2. Reflective technology**
- **Feature:** Light is reflected from the continuous curve of the reflector.
- **Benefit:** The operating field is illuminated from all angles, giving you more flexibility to work around the patient. No matter where your hand or instrument is, shadows are minimized.

**3. Dual Color Temperatures**
- **Feature:** Helios 3000’s unique color mixing ability allows you to switch between 5000° Kelvin and 4200° Kelvin color temperatures at the touch of a button.
- **Benefit:** Change from bright natural daylight (5000°K) to a warmer light tone (4200°K) to help shade match for cosmetic work right in the chair.

**4. No Cure Setting**
- **Feature:** Helios 3000 can remove all blue light from the spectrum, providing a true No Cure setting.
- **Benefit:** Work with composites, bonding agents, etc, in an illuminated field of view without the risk of premature curing.

Helios 3000 features a crisp 3x6” light pattern, reflective technology to minimize shadowing, and dramatic enhancements to lifespan and energy efficiency. Patented color mixing provides unparalleled operatory lighting performance: change color temperatures at the touch of a button to help with shade matching in the chair, and use the No Cure setting to work with composites.

Helios 1800 features many of the award winning features of Helios 3000: light pattern, reflective technology, lifespan and energy gains are common across both lights. Enjoy enhanced performance over traditional halogen lighting at a similar price point with Helios 1800.

The comprehensive Helios family of LED operatory lights is designed to help you see better, across all dental procedures.

For more information, contact the Pelton & Crane sales representative in your area or your local authorized Pelton & Crane dental dealer.

900.659.6560
www.pelton.net  P/N 061966  Rev-0 2/12