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Thoughtful engineering.
Intuitive ease.
Proven reliability.
A-dec gives you lighting solutions designed for the dental environment.

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Illuminate

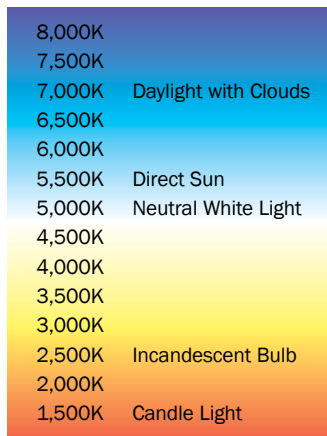
See colors at their natural best. Get shadow-free brightness that is easy on the eyes. Place your light exactly where you need it. A-dec dental lighting gives you proven innovation for all that you do.

Whether it's **A-dec LED** or **A-dec halogen**, you can expect operatory lighting that is optically engineered to provide stunning uniformity while never compromising visual comfort or dental-team ergonomics. When you consider what creates optimal lighting, A-dec solutions combine technology with sophisticated design to create an exceptional user experience.



High CRI Lower CRI

By producing a color rendering index (CRI) of 90 at 5,000K, the A-dec LED mimics nature. Observe the difference when compared to less refined LED operatory lights with a lower CRI.



A-dec LED

Smart. Refined. True.

Smart lighting starts with the source. And the A-dec LED performs like no other, giving you advanced light performance with less eye fatigue, superior ergonomics, and low cost of ownership.



Exceptional Illumination. Flood the oral cavity with light for improved vision. The A-dec LED light features three intensity settings of 15,000, 25,000, and 30,000 lux—the maximum recommended by dental ergonomic specialists—without compromising a consistent 5,000K neutral white color temperature.

Accurate Tissue Analysis. Your dental light should accurately represent and mix the entire color spectrum in order to see true-to-life tones so you can diagnose clearly. By producing light that achieves a high color rendering index (CRI) of 90, the A-dec LED mimics sunlight's clarity.

The color of light, measured in Kelvins, affects everything you do. For a balanced clean, white light, A-dec's advanced LED illuminates at a consistent 5,000K.



Illuminate without Curing. A-dec's cure-safe mode provides brilliant yellow light at 25,000 lux, enabling the dental team to work effectively without curing photo-initiated resins.

Easy on the Eyes. Innovative distribution of light creates a uniform pattern with a "stadium" effect to minimize shadowing. The feathered edge light pattern reduces eye fatigue.

Unparalleled Ergonomics. Automatic hands-free operation turns the light on when the chair back reclines and powers off when the chair moves to the entry/exit position when used with A-dec 300 or A-dec 500 systems. The A-dec LED glides effortlessly for unlimited positioning with three axes and 540° of rotation. Simple, clean lines ensure easy cleaning.

Low Power, No Bulbs, Low Heat, No Noise. When it comes to cost of ownership, think *low*—and ecologically smart: the A-dec LED consumes 80% less power than halogen lights, with a life expectancy of 20 years. All without ever having to change a bulb. And because it doesn't emit heat or require a fan for cooling, it's both comfortable and quiet.



A-dec LED's three-axis, spherical rotation makes every movement fluid and ultra-precise.

In addition to eliminating the inconvenience and expense of bulb replacement, you can expect the A-dec LED to provide uninterrupted performance for 20 years while consuming 80% less energy than halogen technology.

