



Boyd Industries, Inc.

12900 44th Street North, Clearwater, FL 33762 USA

S300 Surgery Light

Latest in Surgery Light Technology

Adopting the latest technology, Boyd's S300 Surgery Light features crystal clear lighting for use in dental surgery procedures. The high Color Rendering Index with adjustable intensities allows the surgeon to select the optimal setting for best visibility. The light head housing and touch screen controller are easy to disinfect. Download the Android™ app to operate remotely!

FDA-Listed/UL Approved

STANDARD FEATURES

Three Illumination Modes - Select the optimal lighting depending on procedure performed.

LCD Touch Pad Display Control Unit - Easy one touch operation of all settings.

Wireless Remote Operation - Download the Android™ app on a compatible device to operate all features remotely.

Long life, Low Power Consuming, Cool LED Light Technology

High Color Rendering Index (CRI)

Boyd suggests high CRI of Ra95 which may realize clearer and nature-like color. It helps to reduce eye fatigue compared with lower CRI lights.

Selectable Color Temperature

3 color temperatures (3,800K/4,300K/4,800K) ranges to find the most suitable and comfortable light color.

Adjustable Light Field Size

3 field sizes ranging from 15cm x 9cm in dental mode up to 25cm in surgery mode.

Variable Intensity [Brightness]

Adjustable from 5000 up to 130,000 lux

LED Rated Life

60,000 hours

Detachable Handle - Can be sterilized by autoclave without damage.

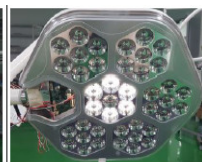
Choice of Mounting Configuration - Ceiling or Mobile Mounting. [Battery back-up available with Mobile unit]



Surgery



Examination



Dental

Modes of Operation



| Part Number | Description |
|-------------|--|
| 600-4525W | S300 Surgery Light: Ceiling Mount, White |
| 600-4526W | S300 Surgery Light: Mobile, White |

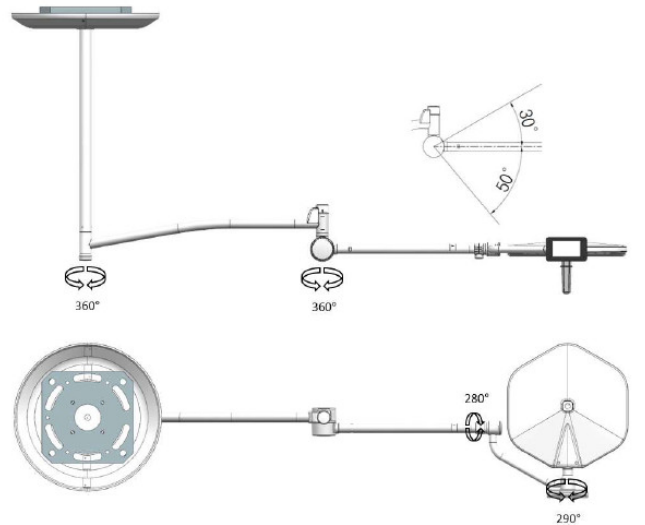
Built to last. Built for you. Built by Boyd!

TECHNICAL SPECIFICATIONS

| Parameter | Mode | | |
|--------------------------|---------------------|----------------|--------------|
| | Maximum (Surgery) | Examination | Dental |
| LEDs Illuminated | 42/6 clusters | 21/6 clusters | 6/1 cluster |
| Intensity Lux | 130,000 | up to 60,000 | up to 30,000 |
| Light Field cm | 15 to 25 | 15 | 15 x 9 |
| Light Field Shape | Circular | Circular | Oval |
| Focal Distance cm | - | - | 100 |
| Color Temperature K | 3800/4300/4800 | 3800/4300/4800 | 4800 |
| Color Rendering Index Ra | 96 | 96 | 95 |
| Shadow Dilution % | up to 100% | | |
| Light Head Dimension | Diameter -16 inches | | |

RANGE OF MOTION

Ceiling Mount



Mobile Base

