

Installation Variations



AL-902 Ceiling Mount Light
(for operatories with 8 to 10 FT ceilings)



AL-905 Track Mount Light
(for operatories with 8 to 10 FT ceilings)



AL-908 Wall Mount Light



AL-901 Post Mount Light
(post not included)



Unit mounted on curved post for
X-Calibur or Quolis™

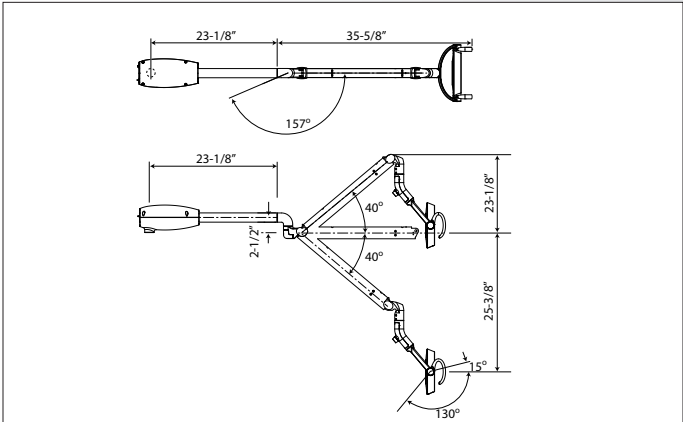


AL-907 Cabinet mount

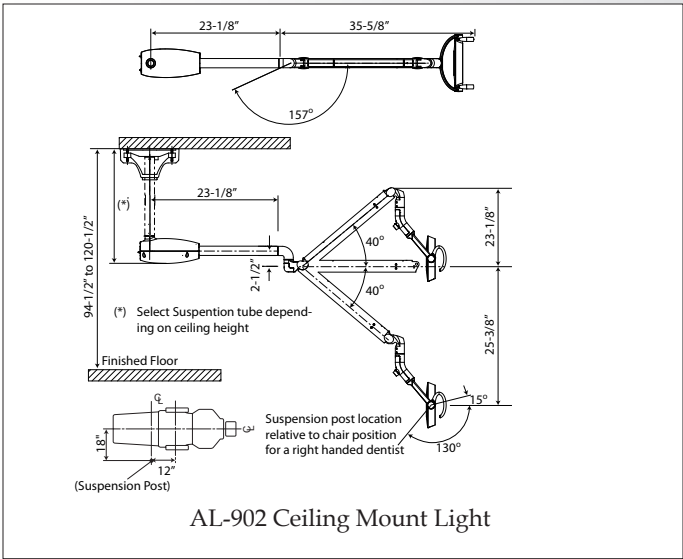
External color availability

| | Post Mount | Ceiling Mount | Track Mount | X-Calibur Unit mount | Quolis Unit mount | Cabinet Mount | Wall Mount |
|------------|------------|---------------|-------------|-------------------------|----------------------|------------------|------------|
| Light Gray | X | X | X | | X | X | X |
| White | X | | | X | | | |

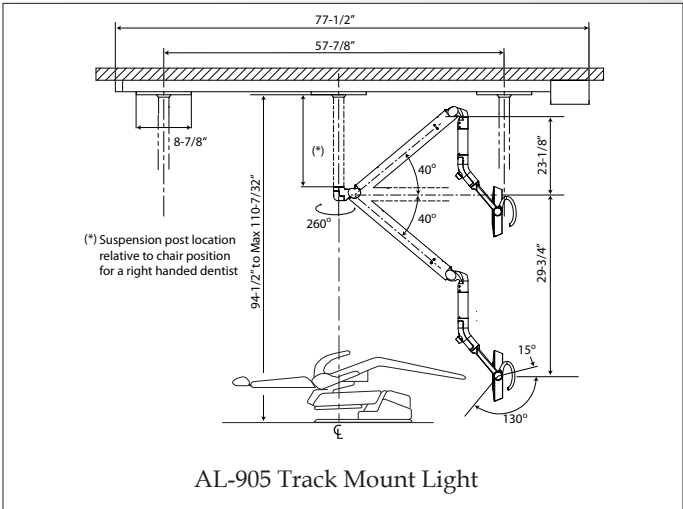
Dimensions



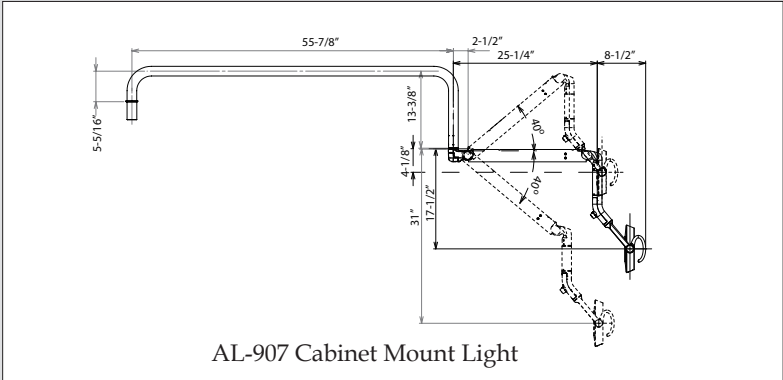
AL-901 Post Mount Light



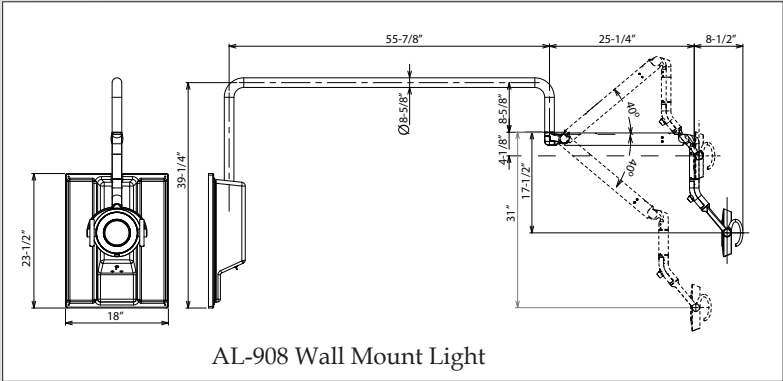
AL-902 Ceiling Mount Light



AL-905 Track Mount Light



AL-907 Cabinet Mount Light



AL-908 Wall Mount Light

Specifications

| | |
|-----------------------|--|
| Rating | 120V / 60 Hz 0.43A |
| Intensity | 370 to 2970 FTC (Stepless) 510 FTC at composite safe mode |
| Color Temperature | 5000° Kelvin at any intensity |
| Color Rendering Index | More than 90 |
| Focal Distance | 25-5/8" (650 mm) |
| Light Pattern | 3-1/8" x 5-7/8" (80 mm x 150 mm) |
| Bulb Type | High Rendering LED |

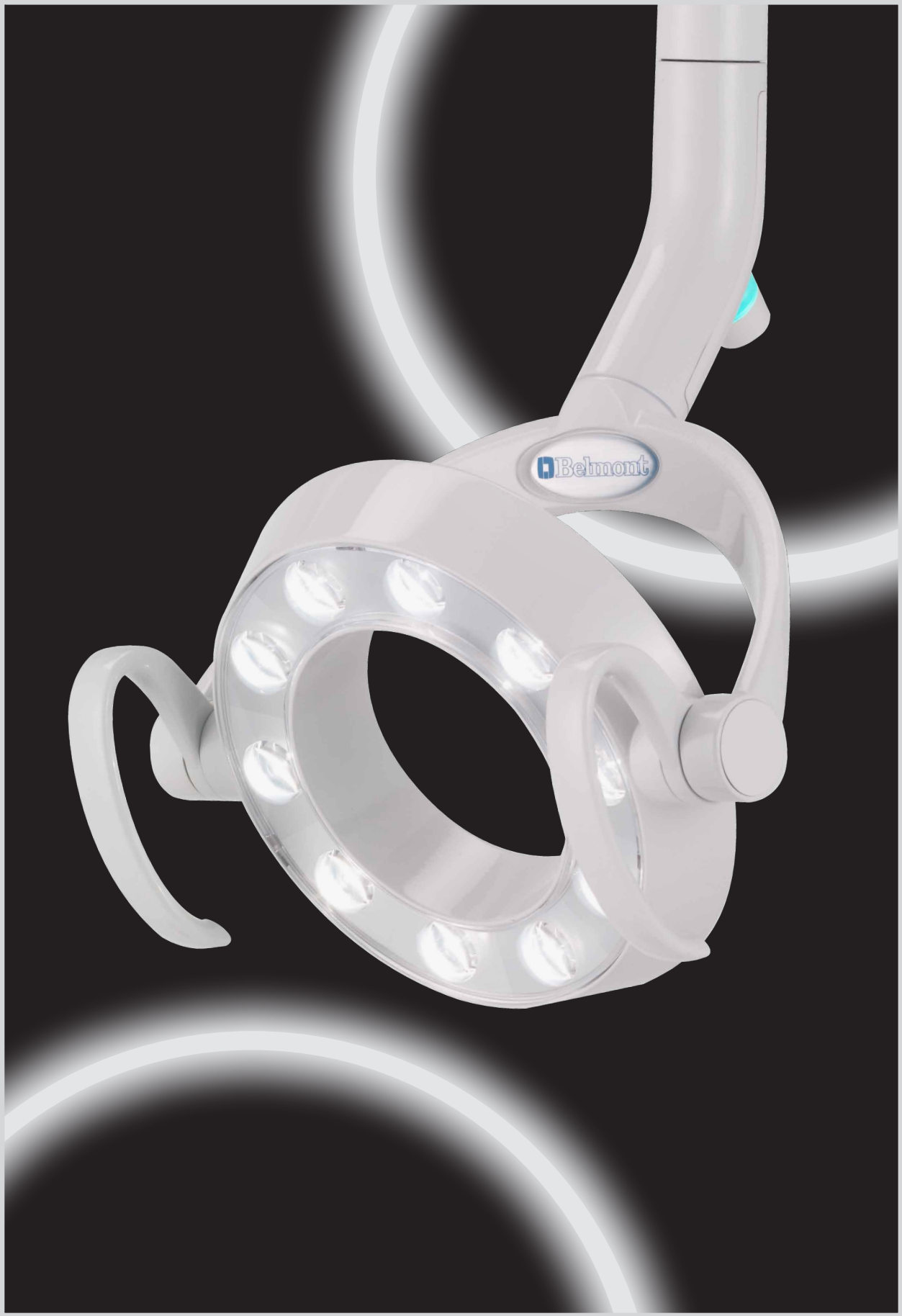
Adjustment and Control

| | |
|----------------------|---------------------------------------|
| Light On/Off | Touchless sensor |
| Composite Safe Mode | Touchless sensor |
| Intensity Adjustment | Stepless rotating knob |
| Manual Override | Toggle switch for manual /sensor mode |
| Head Positioning | Rotation of head at three axes |



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Correct color rendering at any brightness

Clear rectangular illumination

Easy on the eyes

Touchless activation

Easy one hand positioning

Correct Color Rendering

Not all LEDs are the same

Bel-Halo LED lights provide cool white illumination of the oral cavity for correct tooth shade matching and for the differentiation of soft tissue structure.

Ideal color rendering

Each LED bulb is tested for the ability to render colors closely to their appearance in natural daylight. Only bulbs that have very high color rendering properties are selected for each Bel-Halo LED array.

Composite safe mode

Premature curing of composites is easily avoided by activating the touchless Composite Safe Mode switch. Color temperature remains a constant 5000°K, even in Composite Safe Mode.



Easy On The Eyes

Brightness distribution

Bel-Halo is engineered to minimize eye fatigue. The rectangular light pattern is brightest inside of the oral cavity and gradually becomes less bright across the patient's cheek area.

Intensity adjustment

Each operator has different ambient light conditions. With this in mind, Bel-Halo lights include a stepless intensity control to adjust brightness to fit the actual operatory light condition. Light output can be adjusted between 370FTC and 2970FTC, while maintaining the 5000°K color temperature that is ideal for shade matching.

Easy Operation

Fluid positioning

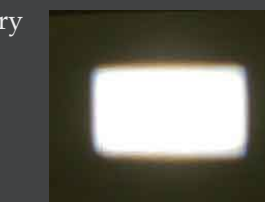
Smooth, three-axis light head rotation permits stress-free light head positioning with one hand. Positioning flexibility directs illumination to area where it is needed.

Touchless activation

Bel-Halo operation is sensor activated, so it is not necessary to look away from patient to operate light. Touchless ON/OFF and Composite Safe Mode activation are done without ever contacting the light.

Shadowless illumination

The well-defined, 3-1/8" x 5-7/8" rectangular light pattern remains unaffected when an obstruction of up to 50% of light head is placed between the light and patient.



Operatory Efficiency

Long Life

With LED bulb life expectancy of 40,000 hours, it is likely that bulb replacement will never be needed.

Economical

Low power consumption and no heat generation add to long term savings and to patient comfort.

Cleaning

Clear bulb cover ring prevents mists and dust from getting inside of the light head. The entire light head is easily cleaned.