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**POST MOUNT**

**Power Supply:** Primary: 100-240 V AC 50/60 Hz  
Secondary: 12V DC 40W output  

**Color Temperature:** Maximum: 5300° Kelvin  
(Color Matching)  
Medium: 4300° Kelvin  
(Operative Setting)  
Minimum: 3200° Kelvin  
(Composite Setting)

**Focal Length:** 27"

**Light Intensity:** Maximum: 1850 Footcandles  
(20,000 Lux)  
Medium: 1375 Footcandles  
(15,000 Lux)  
Minimum: 725 Footcandles  
(8,000 Lux)  

**Operating Amperage:** 0.4 max. - 0.16 min. Amp

**Light Pattern:** 6-1/2" x 3-1/2"

**Unit Weight:** Post Mount: 27 lbs.

---

**TRACK, CEILING, WALL & CABINET**

**Power Supply:** Primary: 100-240 V AC 50/60 Hz  
Secondary: 12V DC 40W output  

**Color Temperature:** Maximum: 5300° Kelvin  
(Color Matching)  
Medium: 4300° Kelvin  
(Operative Setting)  
Minimum: 3200° Kelvin  
(Composite Setting)

**Focal Length:** 27"

**Light Intensity:** Maximum: 1850 Footcandles  
(20,000 Lux)  
Medium: 1375 Footcandles  
(15,000 Lux)  
Minimum: 725 Footcandles  
(8,000 Lux)  

**Operating Amperage:** 0.4 max. - 0.16 min. Amp

**Light Pattern:** 6-1/2" x 3-1/2"

**Unit Weight:**  
Track Mount: 87 lbs.  
Ceiling Mount: 41 lbs.  
Wall Mount: 59 lbs.  
Cabinet Mount: 51 lbs.
POST MOUNT

Halogen Lamp: 24 Volts/150 Watts

Power Supply - Primary: 120V 60Hz. 220-250V 50/60Hz.
Secondary: 15V & 17V

Color Temperature: 4200-5500° Kelvin

Focal Length: 20" to 45"

Light Intensity - Maximum: 3275 Footcandles (36000 Lux)
Minimum: 1650 Footcandles (18000 Lux)

Operating Amperage: 1 Amp maximum

NOTE: Uses two 1 Amp slo-blow fuses

Light Pattern: 6-1/2" x 3-1/4"

Unit Weight - Post Mount: 27 lbs.

Monitor Mount

Weight: 42 lbs.
Monitor Weight Capacity: 19 lbs.

Cable Information:
- S-Video Extension: 25 ft.
- Shielded Audio/Video Cable: 25 ft.
- RG-59/U Solid Coaxial Cable: 24 ft.
- SVGA Computer Cable: 25 ft.
- 18/3 Power Cord-Type SVT: 24 ft.

TRACK, CEILING, WALL & CABINET

Halogen Lamp: 24 Volts/150 Watts

Power Supply - Primary: 120V 60Hz. 220-250V 50/60Hz.
Secondary: 15V & 17V

Color Temperature: 4200-5500° Kelvin

Focal Length: 20" to 45"

Light Intensity - Maximum: 3275 Footcandles (36000 Lux)
Minimum: 1650 Footcandles (18000 Lux)

Operating Amperage: 1 amp maximum

NOTE: Track and ceiling mount lights use one 1 amp slo-blow fuse. Wall and cabinet mount lights use two 1 amp slo-blow fuses.

Light Pattern: 6-1/2" x 3-1/4"

Unit Weight - Track Mount: 87 lbs.
- Ceiling Mount: 41 lbs.
- Wall Mount: 59 lbs.
- Cabinet Mount: 51 lbs.
POST MOUNT

Halogen Lamp: 24 Volts/150 Watts

Power Supply - Primary: 120V 60Hz.
                           220-250V 50/60Hz.
        Secondary: 15V & 17V

Color Temperature: 4200-5500° Kelvin

Focal Length: 20" to 45"

Light Intensity - Maximum: 3275 Footcandles
                       (36000 Lux)
        Minimum: 1650 Footcandles
                       (18000 Lux)

Operating Amperage: 1 Amp maximum

NOTE: Uses two 1 Amp slo-blow fuses

Light Pattern: 6-1/2" x 3-1/4"

Unit Weight - Post Mount: 26 lbs.
**POST MOUNT**

**Halogen Lamp:** 24 Volts/150 Watts

**Power Supply** - Primary: 120V 60Hz.
220-250V 50/60Hz.
Secondary: 15V & 17V

**Color Temperature:** 4200-5500° Kelvin

**Focal Length:** 20” to 45”

**Light Intensity** - Maximum: 3275 Footcandles (36000 Lux)
Minimum: 1650 Footcandles (18000 Lux)

**Operating Amperage:** 1 Amp maximum

*NOTE:* Uses two 1 Amp slo-blow fuses

**Light Pattern:** 6-1/2” x 3-1/4”

**Unit Weight - Post Mount:** 26 lbs.

---

**TRACK, CEILING & WALL**

**Halogen Lamp:** 24 Volts/150 Watts

**Power Supply** - Primary: 120V 60Hz.
220-250V 50/60Hz.
Secondary: 15V & 17V

**Color Temperature:** 4200-5500° Kelvin

**Focal Length:** 20” to 45”

**Light Intensity** - Maximum: 3275 Footcandles (36000 Lux)
Minimum: 1650 Footcandles (18000 Lux)

**Operating Amperage:** 1 amp maximum

*NOTE:* Uses two 1 amp slo-blow fuses. Track light uses one 1 amp slo-blow fuse.

**Light Pattern:** 6-1/2” x 3-1/4”

**Unit Weight - Track Mount:** 86 lbs.
Ceiling Mount: 40 lbs.
Wall Mount: 58 lbs.
**POST MOUNT**

*Halogen Lamp:* 24 Volts/150 Watts

*Power Supply* - Primary: 120V 60Hz. 220-250V 50/60Hz.  
Secondary: 15V & 17V

*Color Temperature:* 4200-5500° Kelvin

*Focal Length:* 20" to 45"

*Light Intensity* - Maximum: 3275 Footcandles (36000 Lux)  
Minimum: 1650 Footcandles (18000 Lux)

*Operating Amperage:* 1 Amp maximum

**NOTE:** Uses two 1 Amp slo-blow fuses

*Light Pattern:* 6-1/2" x 3-1/4"

*Unit Weight* - Post Mount: 26 lbs.

---

**TRACK, CEILING, WALL & CABINET**

*Halogen Lamp:* 24 Volts/150 Watts

*Power Supply* - Primary: 120V 60Hz. 220-250V 50/60Hz.  
Secondary: 15V & 17V

*Color Temperature:* 4200-5500° Kelvin

*Focal Length:* 20" to 45"

*Light Intensity* - Maximum: 3275 Footcandles (36000 Lux)  
Minimum: 1650 Footcandles (18000 Lux)

*Operating Amperage:* 1 amp maximum

**NOTE:** Uses two 1 amp slo-blow fuses. Track light uses one 1 amp slo-blow fuse.

*Light Pattern:* 6-1/2" x 3-1/4"

*Unit Weight* - Track Mount: 86 lbs.  
Ceiling Mount: 40 lbs.  
Wall Mount: 58 lbs.  
Cabinet Mount: 50 lbs.
**EverLight™**

**Section I  Introduction**

**Post-Mount Arm Assembly Dimensions**

- Height: 15”
- Width: 17”
- Depth: 7.25”

**Wall/Cabinet Mount Dimensions**

- Height: 14.375”
- Width: 15”
- Depth: 1.375”
Track Mount Dimensions

Ceiling Mount Dimensions
The Lumina Light components are packaged and shipped according to the packing list below. Please verify the Lumina Light carton contents against the packing list.

Post-Mount Packing List
- Light Arm Assembly
- Light Post
- Flanged Plastic Bushing
- Power Extension Cord
- Hardware Package
- Spare Bulb
- Damage Instructions
- Manual
- Warranty Card

NOTE: Be aware that some cartons are shipped as fillers and may be empty (even if optional components are ordered).

Carefully unpack the light. Inspect all of the items received to assure there has been no shipping damage. If damage is discovered, contact the carrier immediately. Then report and file the appropriate claims with the carrier within 24 hours after delivery. (See Product Support Services, Page 13.)

— NOTICE —
For any questions about an order, please contact a DentalEZ Equipment customer service representative at 1-866-DTE-INFO.

---

Lumina® Light (Post Mount)

---

Wall/Cabinet Mount Dimensions

---

Monitor Mount Dimensions

---

DentalEZ Technical Manual

Section III  Lights
Track Mount Dimensions

Ceiling Mount Dimensions

Lumina® Light 3 15” Travel 15” Travel 18.75” 24” 4.5” 12” 24.75” 31.5” 24”
The Simplicity Light components are packaged and shipped according to the packing list below. Please verify the Simplicity Light carton contents against the packing list.

**Post-Mount Packing List**
- Light Arm Assembly
- Light Post
- Flanged Plastic Bushing
- Transformer Box
- Hardware Package
- Spare Bulb
- Damage Instructions
- Manual
- Warranty Card

**NOTE:** Be aware that some cartons are shipped as fillers and may be empty (even if optional components are ordered). Carefully unpack the light. Inspect all of the items received to assure there has been no shipping damage. If damage is discovered, contact the carrier immediately. Then report and file the appropriate claims with the carrier within 24 hours after delivery. (See Product Support Services, Page 9.)

---

**NOTICE**—For any questions about an order, please contact a DentalEZ Equipment customer service representative at 1-866-DTE-INFO.
Post-Mount Arm Assembly Dimensions

Wall Mount Dimensions
Advantage by DentalEZ™

Section III  Lights

Track Mount Dimensions

Ceiling Mount Dimensions

DentalEZ

Technical Manual

CustomAir
The aXcs Operatory Light components are packaged and shipped according to the packing list below. Please verify the aXcs Operatory Light carton contents against the packing list.

- Light Arm Assembly
- Light Post
- Flanged Plastic Bushing
- Transformer Box
- Hardware Package
- Spare Bulb
- Damage Instructions
- Manual
- Warranty Card

**NOTE:** Be aware that some cartons are shipped as fillers and may be empty (even if optional components are ordered). Carefully unpack the light. Inspect all of the items received to assure there has been no shipping damage. If damage is discovered, contact the carrier immediately. Then report and file the appropriate claims with the carrier within 24 hours after delivery. (See Product Support Services, Page 14.)

— **NOTICE** —
For any questions about an order, please contact a DentalEZ Equipment customer service representative at 1-866-DTE-INFO.

---

**Post-Mount Arm Assembly Dimensions**

**Wall/Cabinet Mount Dimensions**
Track Mount Dimensions

Ceiling Mount Dimensions
### Track Light

<table>
<thead>
<tr>
<th>Ceiling Height</th>
<th>Post Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>12&quot;</td>
</tr>
<tr>
<td>8', 6&quot;</td>
<td>18&quot;</td>
</tr>
<tr>
<td>9'</td>
<td>24&quot;</td>
</tr>
<tr>
<td>9', 6&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>

### Ceiling Light

<table>
<thead>
<tr>
<th>Ceiling Height</th>
<th>Post Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>14&quot;</td>
</tr>
<tr>
<td>8', 6&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td>9'</td>
<td>26&quot;</td>
</tr>
<tr>
<td>9', 6&quot;</td>
<td>32&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>
Suggested Track Mount Location

Power Connection
This End

End of Track

77"

53"

71"

8' 0" Min.

Extended-length post assembly required for ceiling heights:
8' 1" to 10'

Suggested Ceiling Mount Location

25-1/2"

25-1/2"

6"

6"

Left-Hand Operation

Right-Hand Operation

NOTE:
Frame locations may be varied to suit individual preferences. But, be aware of the following framing considerations.

• Check ceiling structure and assure it will support a minimum of 200 pounds.
### Suggested Cabinet Mount Location

- **Ceiling Line**
- **Typical Sprinkler Head**
- **Typical Clearance for X-ray Arm**
- **Adjustable Height Post**
- **Typical Clearance**
- **96”**

### Suggested Wall Mount Location

1. Place the chair back in its full DOWN position and the seat in the normal operating position.
2. For a suggested wall mount location, refer to the illustration below and follow this guide:
   - **a.** First identify the center point of the long arm rotation. This point should align with the chair’s center line and off-set 25-1/4” from the front edge of the chair’s base plate in the direction of the headrest.
   - **b.** From this point, swing a 60” radius arc, representing the long arm rotation, until an intersection with the wall is found.

### Wall Mount Installation

1. After determining the proper position of the wall mount, use the wall mount template in the back of this manual to align mounting holes on two wall studs.
2. Depending on the size of wall fastener chosen, drill four mounting holes into the wall studs. Then drill a 1-1/2” center hole for the incoming power source.

### Notes:
- Make sure the required power supply wiring runs from inside the wall to the proper location.
- **R60”**
- **25.25”**

---

### Tools Required

- Power Drill & Bits
- Slotted Screwdriver
- Phillips-head Screwdriver
- Wire Crimping Tool
- Tape Measure
- Wire Stripper
- Set of Allen Wrenches
- Lubricant: Silicon/Grease Product

---

### Wall Mount Positioning

1. Place the chair back in its full DOWN position and the seat in the normal operating position.
2. For a suggested wall mount location, refer to the illustration below and follow this guide:
   - **a.** First identify the center point of the long arm rotation. This point should align with the chair’s center line and off-set 25-1/4” from the front edge of the chair’s base plate in the direction of the headrest.
   - **b.** From this point, swing a 60” radius arc, representing the long arm rotation, until an intersection with the wall is found.

### Wall Mount Installation

1. After determining the proper position of the wall mount, use the wall mount template in the back of this manual to align mounting holes on two wall studs.
2. Depending on the size of wall fastener chosen, drill four mounting holes into the wall studs. Then drill a 1-1/2” center hole for the incoming power source.

### Notes:
- Make sure the required power supply wiring runs from inside the wall to the proper location.
- **R60”**
- **25.25”**
Tools Required

- Phillips-head Screwdriver
- Torpedo Level
- Set of Allen Wrenches
- Power Drill
- Stripping/Crimping tool
- Drill Bits
- Pipe Cutter/Hacksaw
- Tape Measure
- Lubricant: Silicon/Grease Product

Track Mount Assembly Installation

1. After determining the location of the track light (see illustration below), carefully lay out the mounting hole location. Make sure the hole for the power cord is above the head of the chair.

2. Drill four 5/16" mounting holes and a 1-1/2" power supply hole.

Extended-length post assembly required for ceiling heights: 8' 1" to 10'

End of Track

77"

53"

8' 0" Min.

71"

Floor

3. Using a Phillips-head screwdriver, remove and retain the four screws that hold the side covers to each end of the wood mounting pallet.

NOTICE
Because of the size and weight of the track mount assembly, two people are required for installation.

NOTE:
The ceiling structure must be capable of supporting 200 pounds. Additional bracing to the ceiling structure may need to be provided.

NOTE:
The mounting lag bolts must go into a minimum of 2-1/2" of solid wood.

NOTICE
A full-size track mount template is available. Order PN: 2677-050.

Cabinet Mount Assembly

Tools Required

- Power Drill & Bits
- Slotted Screwdriver
- Phillips-head Screwdriver
- Wire Crimping Tool
- Tape Measure
- Wire Stripper
- Set of Allen Wrenches
- Magnetic Level
- Lubricant: Silicon/Grease Product

Power Supply Wiring

Make sure the required power supply wiring is available in the sub-base of the cabinet.

Cabinet Mount Installation

Before proceeding with the cabinet mount assembly installation, the following important information regarding placement MUST be taken into consideration.

It is imperative that the light assembly's upper primary arm is:

- mounted parallel with the ceiling,
- situated at least 1-1/2" above an X-ray arm's highest folded position, and
- not in contact with or interferes with any obstruction in the ceiling, especially sprinkler heads, smoke alarms, etc.!

The illustration below gives the suggested mounting location for the DentalEZ cabinet mount assembly and the HDX Intraoral X-ray.

NOTE:
The cabinet assembly will accommodate either one-light or two-light assemblies.
**Section II   Installation**

---

**Ceiling Mount Assembly**

**IMPORTANT NOTE**

Before any framing is done, always obtain the doctor’s approval.

---

**NOTICE**

For any questions about an order, please contact a DentalEZ Equipment customer service representative at 1-866-DTE-INFO.

---

**Tools Required**

- Phillips-head Screwdriver
- Bubble Level
- Set of Allen Wrenches
- Power Drill & Bits
- Stripping/Crimping Tool
- Hammer
- Pipe Cutter/Hacksaw
- Tape Measure
- Lubricant: Silicon/Grease Product

---

**Framing & Mounting**

1. Adjust the chair back to its full DOWN position and the seat to normal operating position.

2. For a suggested ceiling mount location, refer to the illustration below.

**NOTE:** Frame locations may be varied to suit individual preferences. But, be aware of the following framing considerations.

- Check ceiling structure and assure it will support a minimum of 200 pounds.

---

**Section II   Installation**

---

**Wall Mount Assembly**

**Suggested Wall Mount Location**

**Tools Required**

- Power Drill & Bits
- Slotted Screwdriver
- Phillips-head Screwdriver
- Wire Crimping Tool
- Tape Measure
- Wire Stripper
- Set of Allen Wrenches
- Lubricant: Silicon/Grease Product

---

**Wall Mount Positioning**

1. Place the chair back in its full DOWN position and the seat in the normal operating position.

2. For a suggested wall mount location, refer to the illustration below and follow this guide:

   a. First identify the center point of the long arm rotation. This point should align with the chair’s centerline and off-set 25-1/4” from the front edge of the chair’s base plate in the direction of the headrest.

   b. From this point, swing a 60” radius arc, representing the long arm rotation, until an intersection with the wall is found.

---

**Wall Mount Installation**

1. After determining the proper position of the wall mount, use the wall mount template in the back of this manual to align mounting holes on two wall studs.

2. Depending on the size of wall fastener chosen, drill four mounting holes into the wall studs. Then drill a 1-1/2” center hole for the incoming power source.

**NOTE:** Make sure the required power supply wiring runs from inside the wall to the proper location.
### Section II Installation

#### Track Mount Assembly

**Tools Required**
- Phillips-head Screwdriver
- Torpedo Level
- Set of Allen Wrenches
- Power Drill
- Stripping/Crimping tool
- Drill Bits
- Pipe Cutter/Hacksaw
- Tape Measure
- Lubricant: Silicon/Grease Product

#### Track Assembly Installation

1. After determining the location of the track light (see illustration below), arrange for the hole for the power cord to be above the head of the chair.

2. Drill four 5/16" mounting holes and a 1-1/2" power supply hole.

#### Extended-length post assembly required for ceiling heights:
- 8' 1" to 10' 77"
- 71"

#### Power Connection

This End

Suggested Track Mount Location

---

#### Suggested Track Mount Location

**Power Connection**
- This End
- End of Track
- 77" Extension
- 53"
- 8' 0" Min.

**Floor**

---

#### Suggested Ceiling Mount Location

**Framing & Mounting**

1. Adjust the chair back to its full position and the seat to normal operating position.
2. For a suggested ceiling mount location, refer to the illustration below.

#### NOTE:
Frame locations may be varied to suit individual preferences. But, be aware of the following framing considerations.
- Check ceiling structure and assure it will support a minimum of 200 pounds.

---

#### Suggested Ceiling Mount Location

**Left-Hand Operation**
- 6"
- 25-1/2"

**Right-Hand Operation**
- 6"
- 25-1/2"
**Section II   Installation**

### Wall Mount Assembly

1. Place the chair back in its full **DOWN** position and the seat in the normal operating position.
2. For a suggested wall mount location, refer to the illustration below and follow this guide:
   - **a.** First identify the center point of the long arm rotation. This point should align with the chair’s centerline and off-set 25-1/4” from the front edge of the chair’s base plate in the direction of the headrest.
   - **b.** From this point, swing a 60” radius arc, representing the long arm rotation, until an intersection with the wall is found.

### Wall Mount Installation

1. After determining the proper position of the wall mount, use the wall mount template in the back of this manual to align mounting holes on two wall studs.
2. Depending on the size of wall fastener chosen, drill four mounting holes into the wall studs. Then drill a 1-1/2” center hole for the incoming power source.

**NOTE:** Make sure the required power supply wiring is available in the sub-base of the cabinet.

### Cabinet Mount Assembly

1. Before proceeding with the cabinet mount assembly installation, the following important information regarding placement MUST be taken into consideration.
   - It is imperative that the light assembly’s upper primary arm is:
     - mounted parallel with the ceiling,
     - situated at least 1-1/2” above an X-ray arm’s highest folded position, and
     - not in contact with or interferes with any obstruction in the ceiling, especially sprinkler heads, smoke alarms, etc.!

2. The illustration below gives the suggested mounting location for the DentalEZ cabinet mount assembly and the HDX Intraoral X-ray.

**NOTE:** The cabinet assembly will accommodate either one-light or two-light assemblies.

---

Typical Clearance for X-ray Arm: **1.5”**

Typical Sprinkler Head: **25”**

Typical Clearance: **8”**

Adjustable Height Post: **25”**

Ceiling Line: **96”**
Suggested Track Monitor Mount Location

- Power Connection
- End of Track
- 77" distance
- 53" distance
- 56" distance
- 8' 0" Min. distance
- Floor

End of Track

This End

Power Connection
Eliminating Adjustable Arm Drift

The wall mount's adjustable arm is factory-adjusted to counter-balance the weight of the light head. If it becomes necessary to adjust the mechanism because of added weight, such as a mirror, perform the following steps:

Tools Required

- 5/64 Allen wrench
- 9/64 Allen wrench
- Large Flat-head (slotted) Screwdriver

1. Using a 5/64 Allen wrench, loosen the set screw under the cap at the end of the adjustable arm nearest the light head.

2. Using a 5/64 Allen wrench, remove the four Allen-head screws from the underside of the adjustable arm (two on each end). Then slide off the top cover along with the end cap.

3. Insert a 9/64 Allen wrench into the two small holes in the side of the adjustable arm and completely loosen the friction block.

4. Insert a large flat-head screwdriver into the large slot in the side of the adjustable arm and tighten the slotted nut.

5. Adjust the friction block to provide one to two pounds maximum of break-away force.

6. Replace the adjustable arm cover and secure using the four 5/64 Allen-head screws previously removed.

7. Replace the end cap and tighten the set screw using a 5/64 Allen wrench.
Eliminating Adjustable Arm Drift

The adjustable arm is factory-adjusted to counterbalance the weight of the light head. If it becomes necessary to adjust the mechanism because of added weight, such as a mirror, perform the following steps:

Tools Required

- 1/16 Allen wrench
- 9/64 Allen wrench
- Phillips Screw Driver (Small)
- Flat Screw Driver (Large)

1. Using a small Phillips screw driver, remove the two screws that retain the flex arm end cap which is nearest the light head.

2. Using a 1/16 Allen wrench, remove the four screws from the underside of the flex arm that hold the cover in place. Then slide the cover off the arm.

3. Insert a 9/64 Allen wrench into the two small holes in the side of the adjustable arm and completely loosen the friction block.

4. Insert a large flat-head screwdriver into the large slot in the side of the adjustable arm and tighten the slotted nut.

5. Adjust the friction block to provide one to two pounds maximum of break-away force.

6. Replace the flex arm cover and secure using the 1/16 Allen wrench and the four screws previously removed.

7. Replace the end cap and tighten the screws using the Phillips screw driver.
Infrared Hands-Free On/Off Control

The Lumina Light is equipped with an infrared sensor that turns the light **ON** or **OFF** by recognizing movement immediately under the light head. A control switch near the end of the adjustable arm activates or deactivates the sensor.

1. The sensor can be immobilized by moving the switch to "**MANUAL**".
2. To switch back to hands-free mode, move the switch to "**SENSOR**".
3. Move your hand 2-6 inches under the light head to turn the light **ON**.
4. Move your hand 2-6 inches under the light head again to turn it **OFF**.

**NOTE:** Sensor distance is factory pre-set at 2-6 inches. This distance may be adjusted up to 18 inches. To adjust the distance, place a small flat-head screwdriver into the sensor adjustment screw hole located on the front of the light frame under the light shield. **Slowly and carefully** turn the adjustment screw clockwise to lengthen the sensor distance, or counterclockwise to shorten the distance.
Eliminating Adjustable Arm Drift

The adjustable arm is factory-adjusted to counterbalance the weight of the light head. If it becomes necessary to adjust the mechanism because of added weight, such as a mirror, perform the following steps:

Tools Required

- Phillips-head screwdriver
- Large flat-head (slotted) screwdriver

1. Using a Phillips-head screwdriver, remove the Phillips head and screw and end cap from the underside of the adjustable flex arm.

2. Pull downward on the adjustable arm cover to remove.

3. Using a large flat-head screwdriver, adjust the slotted nut as necessary to eliminate adjustable arm drift.
Eliminating Adjustable Arm Drift

The wall mount's adjustable arm is factory-adjusted to counter-balance the weight of the light head. If it becomes necessary to adjust the mechanism because of added weight, such as a mirror, perform the following steps:

**Tools Required**
- 5/64 Allen wrench
- 9/64 Allen wrench
- Large Flat-head (slotted) Screwdriver

1. Using a 5/64 Allen wrench, loosen the set screw under the cap at the end of the adjustable arm nearest the light head.

2. Using a 5/64 Allen wrench, remove the four Allen-head screws from the underside of the adjustable arm (two on each end). Then slide off the top cover along with the end cap.

3. Insert a 9/64 Allen wrench into the two small holes in the side of the adjustable arm and completely loosen the friction block.

4. Insert a large flat-head screwdriver into the large slot in the side of the adjustable arm and tighten the slotted nut.

5. Adjust the friction block to provide one to two pounds maximum of break-away force.

6. Replace the adjustable arm cover and secure using the four 5/64 Allen-head screws previously removed.

7. Replace the end cap and tighten the set screw using a 5/64 Allen wrench.
Flex Arm Height Adjustment

1. An adjustment can be made to the flex arm travel in the event the flex arm contacts the track or the ceiling.

2. Using a small Phillips screw driver, remove the two screws that retain the flex arm end cap, which is nearest the light head and remove the cap.

3. Using a 1/16 Allen wrench, remove the four screws from the underside of the flex arm that hold the cover in place.

4. Slide the arm cover off the arm to expose the compression spring retaining mechanism.

5. The adjustable stop is located on the spring rod directly behind the friction block and between the spring stopper.

6. Loosen the two retaining set screws in the top of the block and position the stop to limit the vertical travel of the arm to the desired position. Then tighten the set screws.

7. Slide the arm cover back in position and attach using four retaining screws.

8. Replace the end cap and using the Phillips screw driver, tighten the screws.
**Important Note:** Focal adjustment is set at the factory, therefore adjustment should not be necessary.

Turn the light head ON and shine the light from a distance of 32” on a 4” x 6” pattern. The beam should fill the whole pattern fully.

If adjustment should become necessary, use a Phillips-head screwdriver and turn the focus adjustment screw located on the rear dome opposite the bulb.
How is a light pivot adjustment made?

**Light Pivot Adjustment** *(Lumina®, Advantage by DentalEZ™ and Simplicity by DentalEZ™)*

To adjust the pivot of the Lumina or Advantage light do the following:

**Tool required:**
- 5/64 Allen Wrench.

1. Squeeze on both sides of the splash shield on the face of the light and remove the shield.
2. Locate the two set screw holes on each side of the light.
3. Using a 5/64 Allen wrench, adjust only one side at a time.

To adjust the pivot of the Simplicity light do the following:

**Tool required:**
- 1.5 mm Allen Wrench

1. Locate the two set screws on the outer yoke of the light.
2. Using a 1.5 mm Allen wrench adjust only one side at a time.
How is sensor adjustment made?
(Lumina® Light)

The Lumina Light sensor is factory pre-set at 2-6 inches. This distance may be adjusted up to 18 inches. If adjustment is necessary, do the following:

1. Locate the sensor adjustment screw hole on the front of the light frame under the light shield.

2. Using a small flat-head screwdriver, slowly and carefully turn the adjustment screw clockwise to lengthen the sensor distance (hand can be further from sensor), or counterclockwise to shorten the sensor distance (hand has to be closer to sensor).

NOTE: A small amount of adjusting does a lot.
Why is the bulb not lighting? (17 VAC at Socket)

1. Test Bulb with meter. Does it test good?
   - Yes: Replace bulb. PN: 3801-797
   - No: Take voltage reading across the red and black wire at the transformer. Is 17 VAC present?

2. Take voltage reading across the red and black wire at the transformer. Is 17 VAC present?
   - Yes: With bulb in place and light on high, take reading from prongs on bulb. Is 17 VAC present?
   - No: Is power supplied by power module or transformer?

3. Is power supplied by power module or transformer?
   - Yes: Replace transformer. PN: 3801-804
   - No: Is circuit breaker tripped on power module?

4. Is circuit breaker tripped on power module?
   - Yes: Reset circuit breaker.
   - No: Replace transformer in power module. PN: 2718-031

5. This indicates a broken wire in the arm. Replace wires.

FAQ #26

### Power Module
- Is 17 VAC present?
- Yes: Check wires and connections to power module.
- No: Replace transformer in power module. PN: 2718-031

### Transformer
- Replace transformer. PN: 3801-804
Why won't the sensor work? (Lumina® Light)

- **Yes**
  - Is there a yellow light flashing in the adjustment hole?  
  - With the light in sensor mode, if you unplug the sensor board then touch and release the two top pins on the board, does the light go on and the sensor work?

- **No**
  - Does the sensor have a green light lit in the adjustment hole?  
  - If you wave your hand over the sensor, does a yellow light flash in the adjustment hole?  
  - With the light in sensor mode, if you unplug the sensor board then touch and release the two top pins on the board, does the light go on and the sensor work?

- **Yes**
  - Replace the sensor.

- **No**
  - Replace the sensor board. PN: 3801-947
  - FAQ #40

- **Yes**
  - Replace the sensor.
  - PN: 3801-949
Flex Arm Knuckle Adjustment

How is a light flex arm knuckle adjustment made?

1. Remove the three (#1) screws and inspect each nylon tip to ensure that it is not deformed such that the metal tip of the screw contacts the pin. If it appears that the metal tip of any screw has contacted the pin, inspect that pin for damage. The pin should be smooth and free of detents. Replace pin if damaged.

2. Ensure that the (#2) screw (not shown) in the opposite end of the rod is tight against the Ø.187 pin. Add Loctite and tighten if needed.

3. The rod has an oblong hole where the Ø.187 pin goes through. Loosen the #2 and #3 screws so that the knuckle can be moved back and forth in the oblong hole.

4. Apply Loctite to the (#2) and (#3) screws. Alternately tighten the (#2) and (#3) screws until the desired knuckle position is achieved. Tighten both screws firmly.

5. Move the arm up and down and note the free play where both pins go through the knuckle. Apply Loctite to the three (#1) screws and tighten against the pins only until any free play in both pins is eliminated. **CAUTION:** DO NOT OVER TIGHTEN SCREWS.

**NOTE:** The appearance of the arm channel may be different than shown depending on the model of light.

**NOTE:** With optimal adjustment there will still be noticeable horizontal movement of the switch housing. On lights with a 12” drop tube between the arm and the switch housing, horizontal movement from 1/4” to 3/8” at the switch housing is normal.
Cleaning & Disinfecting

—— CAUTION ——
Avoid spraying anything directly on the light. Spray cloth first, then wipe.

1. To clean all surfaces, use a typical **ALCOHOL-FREE**, commercial cleaner or a solution of mild liquid detergent and water.

2. After washing, a disinfectant may be used following the manufacturer’s instructions.

**NOTE:** Daily cleaning with soap and water or a neutralizer for iodophors may reduce discoloration.

—— CAUTION ——
All surface disinfectants cause varying degrees of discoloration to light-colored surfaces.

3. The following disinfectants are acceptable to use:
   - Caviwipes
   - Banicide
   - Coecide
Cleaning

Shield and Reflector

— WARNING —
Before cleaning/removing the shield or bulb, turn OFF the light and allow it to cool. Failure to do so can cause a burning injury. Also, if the shield is not re-installed properly, it may fall off and cause an injury.

1. To remove the shield, squeeze the sides towards each other and pull forward.

2. Wrap the bulb in a tissue and gently pull the bulb out of the socket.

3. Use a soft, clean tissue or cloth dampened with denatured alcohol only and gently wipe the glass reflector and bulb.

4. While holding the bulb in a tissue, carefully replace the bulb in the socket.

5. Gently wash the plastic light shield using a mild liquid detergent and water only, then dry using a soft tissue or soft cloth.

6. Replace the light shield by gently squeezing the sides of the shield and pushing it into the housing. When the shield seats properly, a definite "pop" will be heard.

Painted Surfaces

1. To clean the painted surfaces, use a typical alcohol-free, commercial cleaner or a solution of mild liquid detergent and water.

— CAUTION —
All surface disinfectants cause varying degrees of discoloration to light-colored surfaces.

2. After washing, a disinfectant may be used following the manufacturer's instructions.

NOTE: Daily cleaning with soap and water or a neutralizer for iodophors may reduce discoloration.

Bulb Replacement

— WARNING —
Before removing the shield or bulb, turn OFF the light and allow it to cool. Refer to the warning at the top of this page.

1. Remove the shield by squeezing the sides towards each other and pulling forward. Gently pull the old bulb out of the socket.

2. Remove the new bulb from the box and slit the plastic envelope, which encloses the bulb, allowing the contact pins to protrude.

3. Hold the bulb with the plastic covering it, and insert the pins into the lamp socket pushing until it "bottoms out" and the glass is in close proximity to the socket (about 1/16”). Then remove the plastic covering. See Caution Note if bulb glass is touched.

4. Replace the light shield by gently squeezing the sides of the shield and pushing it into the housing. When the shield seats properly, a definite "pop" will be heard.

— CAUTION —
Touching the bulb glass may significantly shorten the bulb life. Exercise care to avoid having direct finger contact with the bulb. If the bulb was touched, wipe it clean with denatured alcohol before turning on the light.
Cleaning

Shield and Reflector

--- WARNING ---
Before cleaning/removing the shield or bulb, turn OFF the light and allow it to cool. Failure to do so can cause a burning injury. Also, if the shield is not re-installed properly, it may fall off and cause an injury.

1. Remove the shield by squeezing the ends towards each other and pulling forward.
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--- CAUTION ---
Touching the bulb glass may significantly shorten the bulb life. Exercise care to avoid having direct finger contact with the bulb. If the bulb was touched, wipe it clean with denatured alcohol before turning on the light.

3. Use a soft, clean tissue or cloth dampened with denatured alcohol only and gently wipe the glass reflector and bulb.
4. While holding the bulb in a tissue, carefully replace the bulb in the socket.

--- WARNING ---
Gently wash the plastic light shield using a mild liquid detergent and water only, then dry using a soft tissue or soft cloth.

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3. Hold the bulb with the plastic covering it, and insert the pins into the lamp socket pushing until it "bottoms out" and the glass is in close proximity to the socket (about 1/16"). Then remove the plastic covering. See Caution Note if bulb glass is touched.
4. Replace the light shield by gently squeezing the sides of the shield and pushing it into the housing. When the shield seats properly, a definite "pop" will be heard.
## Troubleshooting

The chart below should be used when troubleshooting everLight problems.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause(s)</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No light</td>
<td>Master/light switch is in <strong>OFF</strong> position</td>
<td>Turn <strong>ON</strong> master/light switch.</td>
</tr>
<tr>
<td></td>
<td>No power</td>
<td>Check circuit breaker.</td>
</tr>
<tr>
<td></td>
<td>Power supply failure</td>
<td>Replace power supply.</td>
</tr>
<tr>
<td></td>
<td>Broken arm wire harness</td>
<td>Check arm wire harness for continuity.</td>
</tr>
<tr>
<td></td>
<td>Faulty switch</td>
<td>Replace switch.</td>
</tr>
<tr>
<td>Low light intensity</td>
<td>Intensity set on low</td>
<td>Set intensity to high.</td>
</tr>
<tr>
<td></td>
<td>Plastic light shield dirty</td>
<td>Clean light shield.</td>
</tr>
<tr>
<td>Light arm drifts vertically</td>
<td>Counterbalance out of adjustment</td>
<td>Adjust arm drift. <em>(See Manual.)</em></td>
</tr>
<tr>
<td>Light arm drifts horizontally</td>
<td>Light post not level</td>
<td>Level light post.</td>
</tr>
</tbody>
</table>

**NOTICE**

For convenient referencing, a color-coded wiring schematic is located at the end of this manual.

**NOTE:**

The model/serial number plate is found in the following locations:

- **Track Mount** - On the end cap of the track assembly.
- **Ceiling Mount** - On the light/arm assembly.
- **Wall Mount** - On the side of the wall mount cover.
- **Cabinet Mount** - *(See Manual.)*

---

**WARNING**

Exercise extreme caution when troubleshooting the electrical components of the everLight. When electrical power is required, safety precautions must be observed.
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<td>Turn <strong>ON</strong> light/master switch.</td>
</tr>
<tr>
<td>No power</td>
<td>Check circuit breaker.</td>
<td></td>
</tr>
<tr>
<td>Bulb burned out</td>
<td>Replace bulb.</td>
<td></td>
</tr>
<tr>
<td>Transformer failure</td>
<td>Replace transformer.</td>
<td></td>
</tr>
<tr>
<td>Broken arm wire harness</td>
<td>Check arm wire harness for continuity, then check voltage from transformer to bulb.</td>
<td></td>
</tr>
<tr>
<td>Faulty switch</td>
<td>Replace switch</td>
<td></td>
</tr>
<tr>
<td>Faulty sensor</td>
<td>Check by switching to MANUAL setting. If the light turns on and off at the toggle, then the sensor or circuit board is defective.</td>
<td></td>
</tr>
<tr>
<td>Low light intensity</td>
<td>Intensity switch on low</td>
<td>Set intensity to high.</td>
</tr>
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## Symptom | Possible Cause(s) | Solution
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No light | Master/light switch is in OFF position | Turn ON master/light switch.
| No power | | Check circuit breaker.
| Bulb burned out | | Replace bulb.
| Transformer failure | | Replace transformer.
| Broken arm wire harness | | Check arm wire harness for continuity, then check voltage from transformer to bulb.
| Faulty switch | | Replace switch.

Low light intensity | Intensity switch on low | Set intensity to high.
| Plastic light shield dirty | | Clean light shield.

Light arm drifts horizontally | Light post not level | Level light post.
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</tr>
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</table>
### Light Arm

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Arm End Cap</td>
<td>3801-811</td>
</tr>
<tr>
<td>2</td>
<td>Rigid Arm Cap</td>
<td>3801-814</td>
</tr>
<tr>
<td>3</td>
<td>Post Bushing</td>
<td>3801-848</td>
</tr>
</tbody>
</table>

### Light Head

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Switch Lever &amp; Boot</td>
<td>3802-333</td>
</tr>
<tr>
<td>5</td>
<td>On/Off Switch</td>
<td>3802-330</td>
</tr>
<tr>
<td>6</td>
<td>Right Side LED Light Control</td>
<td>3802-329</td>
</tr>
<tr>
<td>7</td>
<td>Left Side LED Light Control</td>
<td>3802-328</td>
</tr>
<tr>
<td>8</td>
<td>Color Control Decal</td>
<td>3802-337</td>
</tr>
<tr>
<td>9</td>
<td>Intensity Control Decal</td>
<td>3802-336</td>
</tr>
<tr>
<td>10</td>
<td>Light Control Housing Kit w/Decals</td>
<td>3802-338</td>
</tr>
<tr>
<td>11</td>
<td>Front Clear Cover Set</td>
<td>3802-331</td>
</tr>
<tr>
<td>12</td>
<td>Ribbon Cable Kit</td>
<td>3802-332</td>
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<tr>
<td>13</td>
<td>Power Supply Kit</td>
<td>3802-334</td>
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</table>

### Drop Post

<table>
<thead>
<tr>
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<th>Part/Kit Name</th>
<th>Part/Kit #</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>Drop Post (Track &amp; Ceiling)</td>
<td>2586-107</td>
</tr>
</tbody>
</table>
Lumina™ Light (Post Mount)

Light Arm Assembly

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transformer</td>
<td>3801-804</td>
</tr>
<tr>
<td>2</td>
<td>Post Bushing</td>
<td>3801-848</td>
</tr>
<tr>
<td>3</td>
<td>Rigid Arm End Cap</td>
<td>3801-945</td>
</tr>
<tr>
<td>4</td>
<td>Arm Cover End Cap</td>
<td>3801-946</td>
</tr>
<tr>
<td>5</td>
<td>PC Board</td>
<td>3801-947</td>
</tr>
<tr>
<td>6</td>
<td>Sensor Switch</td>
<td>3801-948</td>
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</table>
Light Arm Assembly

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<tr>
<th>#</th>
<th>Part/Kit Name</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Arm Cover End Cap</td>
<td>3801-946</td>
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<tr>
<td>2</td>
<td>Rigid Arm End Cap</td>
<td>3801-814</td>
</tr>
<tr>
<td>3</td>
<td>Sensor Switch</td>
<td>3801-948</td>
</tr>
<tr>
<td>4</td>
<td>PC Board</td>
<td>3801-947</td>
</tr>
<tr>
<td>5</td>
<td>Bushing</td>
<td>3801-848</td>
</tr>
<tr>
<td>6</td>
<td>Drop Post (Track &amp; Ceiling)</td>
<td>2586-107</td>
</tr>
</tbody>
</table>

Transformer

<table>
<thead>
<tr>
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<th>Part/Kit No.</th>
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<tbody>
<tr>
<td>7</td>
<td>Transformer</td>
<td>3801-804</td>
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</table>
Monitor Mount

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Trolley Wheels</td>
<td>3802-243</td>
</tr>
<tr>
<td>2</td>
<td>Drop Post, 12&quot;</td>
<td>2586-120</td>
</tr>
<tr>
<td>3</td>
<td>Drop Post, 24&quot;</td>
<td>2586-121</td>
</tr>
<tr>
<td>4</td>
<td>Drop Post, 36&quot;</td>
<td>2586-122</td>
</tr>
<tr>
<td>5</td>
<td>Drop Post, 48&quot;</td>
<td>2586-123</td>
</tr>
<tr>
<td>6</td>
<td>LCD Mount</td>
<td>3625-615</td>
</tr>
<tr>
<td>7</td>
<td>Rigid Arm Cap</td>
<td>3801-814</td>
</tr>
<tr>
<td>8</td>
<td>S-Video Extension, 25'</td>
<td>2664-012</td>
</tr>
<tr>
<td>9</td>
<td>Shilded Audio/Video, 25'</td>
<td>3801-813</td>
</tr>
<tr>
<td>10</td>
<td>RG-59/U Solid Coaxial, 24'</td>
<td>3801-817</td>
</tr>
<tr>
<td>11</td>
<td>SVGA Computer Cable, 25'</td>
<td>3801-806</td>
</tr>
<tr>
<td>12</td>
<td>18/3 Power Cord-Type SVT, 24'</td>
<td>3801-807</td>
</tr>
</tbody>
</table>

Cables (not shown)
EverLight / Lumina / Advantage / aXcs (Track)

### Track Mount

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<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fuse Kit, 115V</td>
<td>3802-252</td>
</tr>
<tr>
<td>2</td>
<td>Fuse Kit, 220V</td>
<td>3802-253</td>
</tr>
<tr>
<td>3</td>
<td>Trolley Wheels</td>
<td>3802-243</td>
</tr>
<tr>
<td>4</td>
<td>Trolley Brake</td>
<td>3658-406</td>
</tr>
<tr>
<td>5</td>
<td>Transformer</td>
<td>3801-804</td>
</tr>
<tr>
<td>6</td>
<td>Set Screw</td>
<td>1625-093</td>
</tr>
<tr>
<td>7</td>
<td>Collar, Ceiling Stop</td>
<td>2673-047</td>
</tr>
<tr>
<td>8</td>
<td>Swivel, Sleeve &amp; Key</td>
<td>3801-310</td>
</tr>
<tr>
<td>9</td>
<td>Drop Post, 8 ft.</td>
<td>2586-118</td>
</tr>
<tr>
<td>10</td>
<td>Harness for 8 ft. Drop Post</td>
<td>3648-304</td>
</tr>
<tr>
<td>11</td>
<td>Drop Post, 10 ft.</td>
<td>2586-119</td>
</tr>
<tr>
<td>12</td>
<td>Harness for 10 ft. Drop Post</td>
<td>3648-305</td>
</tr>
</tbody>
</table>
EverLight / Lumina / Advantage / aXcs (Ceiling)

Ceiling Mount

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fuse Kit, 115V</td>
<td>3802-252</td>
</tr>
<tr>
<td>2</td>
<td>Fuse Kit, 220V</td>
<td>3802-253</td>
</tr>
<tr>
<td>3</td>
<td>Transformer</td>
<td>3801-804</td>
</tr>
<tr>
<td>4</td>
<td>Harness</td>
<td>3648-309</td>
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</table>
## Light Head

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Reflector</td>
<td>3801-810</td>
</tr>
<tr>
<td>2</td>
<td>Light Bulb</td>
<td>3801-797</td>
</tr>
<tr>
<td>3</td>
<td>Front Lens</td>
<td>3802-259</td>
</tr>
<tr>
<td>4</td>
<td>Handle</td>
<td>3801-817</td>
</tr>
<tr>
<td>5</td>
<td>Switch Assembly</td>
<td>3801-807</td>
</tr>
<tr>
<td>6</td>
<td>Bulb Shield</td>
<td>3802-258</td>
</tr>
</tbody>
</table>
Light Head

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Switch Housing</td>
<td>3801-816</td>
</tr>
<tr>
<td>2</td>
<td>Rear Cap</td>
<td>3801-805</td>
</tr>
<tr>
<td>3</td>
<td>Locking Nut</td>
<td>3801-808</td>
</tr>
<tr>
<td>4</td>
<td>Gasket</td>
<td>3801-812</td>
</tr>
<tr>
<td>5</td>
<td>Reflector</td>
<td>3801-810</td>
</tr>
<tr>
<td>6</td>
<td>Socket</td>
<td>3801-815</td>
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<tr>
<td>7</td>
<td>Light Bulb</td>
<td>3801-797</td>
</tr>
<tr>
<td>8</td>
<td>Shield Assembly</td>
<td>3801-809</td>
</tr>
<tr>
<td>9</td>
<td>Gasket</td>
<td>3801-813</td>
</tr>
<tr>
<td>10</td>
<td>Handle</td>
<td>3801-817</td>
</tr>
<tr>
<td>11</td>
<td>Cap</td>
<td>3801-806</td>
</tr>
<tr>
<td>12</td>
<td>Switch Assembly</td>
<td>3801-807</td>
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</table>
### Section III  Lights

#### Light Arm

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Arm End Cap</td>
<td>3801-811</td>
</tr>
<tr>
<td>2</td>
<td>Rigid Arm Cap</td>
<td>3801-814</td>
</tr>
<tr>
<td>3</td>
<td>Post Bushing</td>
<td>3801-848</td>
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</table>

(Wall light arm assembly shown)

#### Drop Post

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit No.</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>Drop Post (Track &amp; Ceiling)</td>
<td>2586-107</td>
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</tbody>
</table>

(Drop Post for Ceiling and Track mount only)

#### Transformer

<table>
<thead>
<tr>
<th>#</th>
<th>Part/Kit Name</th>
<th>Part/Kit #</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Transformer</td>
<td>3801-804</td>
</tr>
</tbody>
</table>
EverLight™

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Installation, Operation and Care Manual

Wiring Schematic

INPUT
100-240 VAC, 50.60 HZ

OUTPUT
12 VDC, 40 W

Black (Line)
White (Neutral)
Green (Ground)

Power Supply
Simplicity by DentalEZ™  Light

Wiring Schematic

120 V APPLICATION

Black 120VAC White

Light Connection

Note: Flat side down

Light Connection

240 V APPLICATION

Black 240VAC White

Green

Red White/Red Black/White

White/Red Black/Red White

Brown (17V) Black Red

Blue (16V) Orange (15V) Red

120 V APPLICATION

Black 120VAC White

Light Connection

Note: Flat side down

Light Connection

240 V APPLICATION

Black 240VAC White

Green

Red White/Red Black/White

White/Red Black/Red White

Brown (17V) Black Red

Blue (16V) Orange (15V) Red

120 V APPLICATION

Black 120VAC White

Light Connection

Note: Flat side down

Light Connection

240 V APPLICATION

Black 240VAC White

Green

Red White/Red Black/White

White/Red Black/Red White

Brown (17V) Black Red

Blue (16V) Orange (15V) Red
Advantage

Wiring Schematic

120 V APPLICATION
- Black (Common)
- White (15V Low Beam)
- Red (17V High Beam)
- Note: Flat side down

Light Connection
- Black (Common)
- White (15V Low Beam)
- Red (17V High Beam)

240 V APPLICATION
- Black (Common)
- White (15V Low Beam)
- Red (17V High Beam)
- Note: Flat side down

Possible wire connections:
- Brown (17V)
- Blue (16V)
- Orange (15V)
- White/Red
- Black/White
- Green