

Installation Operation Maintenance Troubleshooting

Version Dec/17



# **1335 Post Mount Biscayne**



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## **Important Information**

### **Technical Specifications**

| Power Inlet:       | 115 VAC, 60 Hz or 220 VAC, 50 Hz             |
|--------------------|--|
| Fuse:              | MDL 1 <sup>1</sup> / <sub>2</sub> A Bussmann |
| Bulb:              | GY 6.35 Bi-pin –12 V 50 W                    |
| Color Temperature: | 4700 Kelvin (High)                           |
| Intensity:         | 22,000 lux (High) –15,000 lux (Low)          |
| Pattern:           | 2 $\frac{1}{2}$ " x 6 at 27" focal distance  |

### Unpacking the Light

Pay careful attention when unpacking the light and its accessories. **Damage** caused by mishandling the equipment during unpacking or installation is not covered under warranty.

### New Owner

Please read, sign and submit the warranty registration form that is located at page 4 of this manual. Failure to return this form may void the warranty.

### Serial Number

The serial number of your light is located on the transformer housing. Record this serial number in a convenient location. You will be asked for this number when requesting service or warranty information.

| Ft, Lauderdale | L SYSTEMS<br>, FL USA |
|----------------|-----------------------|
| MODEL No:      |                       |
| SERIAL No:     |                       |
| PRODUCT:       |                       |
| 1              | 1                     |

### Warning

Turn power off before servicing. All electrical work including bulb replacement should be done with equipment unplugged from outlet.

### 

Turn power off before servicing. All electrical work including bulb replacement, should be done with equipment unpluged from outlet.

\* Equipment intended to be used as a TREATMENT/DIAGNOSTIC DENTAL LUMINAIRE.

CAUTION –HOT SURFACE - Do not touch the light head while operating the light. Use the handles to safely work with the light head.

Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this manual.

Portable and mobile RF communications equipment can affect Medical Electrical Equipment.

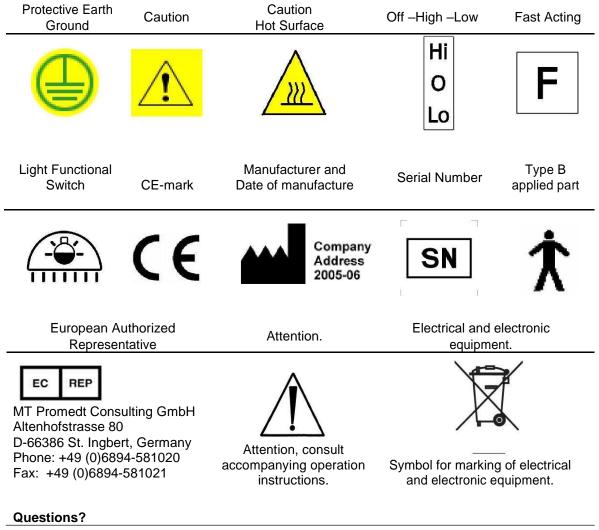
The use of Accessories, transducers, and cables other than those specified by the manufacturer, may result in increased Emissions or decreased Immunity of the 1335MD Light.

The 1335MD Light should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, the 1335MD Light should be observed to verify normal operation in the configuration in which it will be used.



#### Classifications

- a. According to the type of protection against electric shock: CLASS I.
- b. According to the mode of operation: CONTINUOUS DUTY.
- c. According to the degree of protection against electric shock: NO APPLIED PARTS.
- d. According to the degree of protection against ingress of water: ORDINARY (IPX0) PROTECTION.
- e. According to the degree of safety of application in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide:
  EQUIPMENT NOT SUITABLE FOR USE IN THE PRESENCE OF A FLAMABLE ANAESTHETIC MIXTURE WITH AIR OR WITH OXIGEN OR NITROUS OXIDE.



Read this manual carefully. If you have any questions, please call Summit Dental Systems Technical Service at 1-800.275.3368 (USA) or (954) 730-3636 (Worldwide).



| The 1335MD Light is intended for use in the electromagnetic environment specified below. The customer or the user of the 1335MD Light should assure that it is used in such an environment. |            |   |  |
|---|------------|---|--|
| EMISSION TEST   | COMPLIANCE | ELECTROMAGNETIC ENVIRONMENT GUIDANCE                    |  |
| RF Emissions  | Group 1    | The 1335MD Light uses RF energy only for its            |  |
| CISPR 11  | -          | internal function. Therefore, its RF emissions are very |  |
|   |            | low and are not likely to cause any interference in     |  |
|   |            | nearby electronic equipment.                            |  |
| RF Emissions  | Class B    | The 1335MD Light is suitable for use in all             |  |
| CISPR 11  |            | establishments, including domestic establishments and   |  |
| Harmonic Emissions  | Class A    | those directly connected to the public low - voltage    |  |
| IEC 61000-3-2   |            | power supply network that supplies buildings used for   |  |
| Voltage Fluctuations/   | Complies   | domestic purposes.                                      |  |
| flicker emissions   | 1          | 1 1   |  |
| IEC 61000-3-3   |            |   |  |

#### Guidance and manufacturer's declaration - -electromagnetic emissions

### Guidance and manufacturer's declaration-electromagnetic immunity

The 1335MD Light is intended for use in the electromagnetic environment specified below. The customer or the user of the 1335MD Light should assure that it is used in such an environment.

| customer or the user of the 1335MD Light should assure that it is used in such an environment. |                                  |                                  |  |
|--|----------------------------------|----------------------------------|--|
| IMMUNITY TEST  | IEC 60601                        | COMPLIANCE                       | ELECTROMAGNETIC ENVIRONMENT  |
|  | TEST LEVEL                       | LEVEL                            | GUIDANCE   |
| Electrostatic  | $\pm$ 6 kV contact               | $\pm$ 6 kV contact               | Floors should be wood, concrete or   |
| Discharge (ESD)  | $\pm$ 8 kV air                   | $\pm$ 8 kV air                   | ceramic tile. If floors are covered with   |
| IEC 61000-4-2  |                                  |                                  | synthetic material, the relative humidity  |
|  |                                  |                                  | should be at least 30%.  |
| Electrical fast  | $\pm 2$ kV for power             | $\pm 2$ kV for power             | Mains power quality should be that of a  |
| transient/burst  | supply lines                     | supply lines                     | typical commercial or hospital   |
| IEC 61000-4-4  | $\pm 1$ kV for                   |                                  | environment.   |
|  | input/output lines               |                                  |  |
| Surge  | $\pm 1 \text{ kV}$               | ± 1 kV                           | Mains power quality should be that of a  |
| IEC 61000-4-5  | differential mode                | differential mode                | typical commercial or hospital   |
|  | $\pm 2 \text{ kV common}$        | $\pm 2 \text{ kV common}$        | environment.   |
|  | mode                             | mode                             |  |
| Voltage dips,  | < 5% UT                          | < 5% UT                          | Mains power quality should be that of a  |
| short interruptions  | (> 95% dip in UT)                | (> 95% dip in UT)                | typical commercial or hospital   |
| and voltage  | for 0,5 cycle                    | for 0,5 cycle                    | environment.   |
| variations on  | 40% UT                           | 40% UT                           | If the user of the 1335MD Light requires   |
| power supply input lines   | (60% dip in UT)<br>for 5 cycles  | (60% dip in UT)<br>for 5 cycles  | continued operation during power mains interruptions, it is recommended that the |
| IEC 61000-4-11   | 70% UT                           | 70% UT                           | -  |
| IEC 01000-4-11   | -                                | -                                | 1335MD Light be powered from an  |
|  | (30% dip in UT)<br>for 25 cycles | (30% dip in UT)<br>for 25 cycles | uninterrupted power supply or a battery.   |
|  | < 5% UT                          | < 5% UT                          |  |
|  | (> 95% dip in U <sub>T</sub> )   | (> 95% dip in UT)                |  |
| <b>D</b>   | for 5 sec                        | for 5 sec                        |  |
| Power frequency  | 3 A/m                            | 3 A/m                            | Power frequency magnetic fields should be  |
| (50/60 Hz)   |                                  |                                  | at levels characteristic of a typical location                                   |
| magnetic field   |                                  |                                  | in a typical commercial or hospital  |
| IEC 61000-4-8  |                                  |                                  | environment.   |
| NOTE: UT is the a c  | mains voltage prior to           | application of that tes          | t level  |

NOTE: UT is the a.c. mains voltage prior to application of that test level.



| Guidance and manufacturer's declaration - electromagnetic immunity                                    |                       |                                       |   |
|---|-----------------------|---------------------------------------|---|
| The 1335MD Light is intended for use in the electromagnetic environment specified below. The customer |                       |                                       |   |
| or the user of the 1335MD Light should assure that it is used in such an environment.                 |                       |                                       |   |
| IMMUNITY TEST   | IEC 60601             | COMPLIANCE                            | ELECTROMAGNETIC ENVIRONMENT   |
|   | TEST LEVEL            | LEVEL                                 | GUIDANCE  |
|   |                       |                                       | Portable and mobile RF communications   |
|   |                       |                                       | equipment should be used no closer to any   |
|   |                       |                                       | part of the 1335MD Light, including   |
|   |                       |                                       | cables, than the recommended separation   |
|   |                       |                                       | distance calculated from equation   |
|   |                       |                                       | applicable to the frequency of the  |
|   |                       |                                       | transmitter.  |
|   |                       |                                       |   |
|   |                       |                                       | Recommended separation distance   |
| Conducted RF  | 3 Vrms                | 3 Vrms                                | $d = 1.2 \sqrt{P}$  |
| IEC 61000-4-6   | 150 kHz to 80         |                                       |   |
|   | MHz                   |                                       | $d = 1.2 \sqrt{P 80}$ MHz to 800 MHz  |
| Radiated RF         3 V/m           IEC 61000-4-3         80 MHz to 2,5                               | 3 V/m                 | d = 2.3 $\sqrt{P}$ 800 MHz to 2,5 GHz |   |
|   | GHz                   |                                       | where P is the maximum output power   |
|   |                       |                                       | rating of the transmitter in watts (W)  |
|   |                       |                                       | according to the transmitter manufacturer   |
|   |                       |                                       | and d is the recommended separation   |
|   |                       |                                       | distance in meters (m).   |
|   |                       |                                       |   |
|   |                       |                                       | Field strengths from fixed RF transmitters as determined by an electromagnetic site |
|   |                       |                                       | survey $a$ should be less than the compliance                                       |
|   |                       |                                       | level in each frequency range <sup>b</sup> .  |
|   |                       |                                       | Interference may occur in the vicinity of   |
|   |                       |                                       | equipment marked with the following   |
|   |                       |                                       | symbol  |
|   |                       |                                       |   |
|   |                       |                                       |   |
|   |                       |                                       |   |
|   |                       |                                       | N 10  |
|   |                       |                                       |   |
| NOTE 1: At 80 ME  | Iz and 800 MHz, the h | higher frequency range                | a applias   |

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and peoples.

<sup>a</sup> Fields strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateurs radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To access the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the 1335MD Light is used exceeds the applicable RF compliance level above, the 1335MD Light should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the 1335MD Light.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.



# Recommended separation distance between portable and mobile RF communications equipment and the 1335MD Light

The 1335MD Light is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the 1335MD Light can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the 1335MD Light as recommended below, according to the maximum output power of the communications equipment.

|  | SEPARATION DISTANCE ACCORDING TO FREQUENCY OF TRANSMITTER |   |  |
|--|---|---|--|
|  |   | m                                       |  |
| RATED MAXIMUM<br>OUTPUT POWER OF<br>TRANSMITTER<br>W | 150 kHz to 80 MHz<br>d = 1.2 $\sqrt{P}$                   | 80 MHz to 800 MHz<br>d = $1.2 \sqrt{P}$ | 800 MHz to 2,5 GHz<br>d = 2.3 $\sqrt{P}$ |
| 0,01   | 0,12  | 0,12                                    | 0,23                                     |
| 0,1  | 0,38  | 0,38                                    | 0,73                                     |
| 1  | 1,2   | 1,2                                     | 2,3                                      |
| 10   | 3,8   | 3,8                                     | 7,3                                      |
| 100  | 12  | 12                                      | 23                                       |

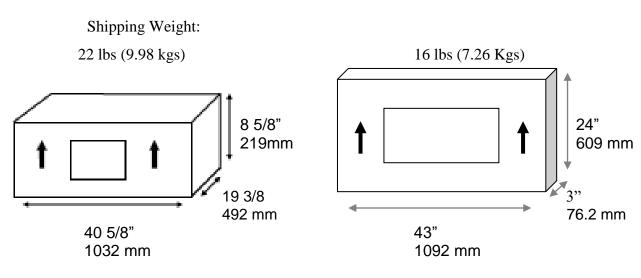
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer. NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

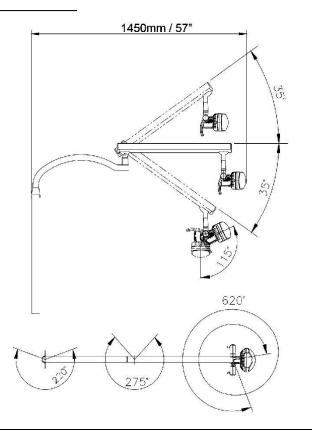


## **Dimensions**

### **Shipping Information**









### **Maintenance Instructions**

#### **Reflective Lens & Plastic Shield Cleaning**

The 1335MD Dental Light, like everything in a dental office needs to be cleaned. The very nature of the materials in a reflective lens and plastic shield is contrary to the application of harsh chemicals. Therefore a common sense approach to use and care is suggested.

#### **Barrier Technique**

The first choice in the protection of dental equipment should be the use of disposable barrier products. The repeat use of disinfectant on equipment surfaces without the constant removal of the solution residue will eventually cause some damage to equipment surfaces.

A soft cloth moistened with a solution of mild non-abrasive soap and lukewarm water is recommended for the cleaning of the reflective lens and plastic shield.

It is also recommended that a soft lint free cloth be used to dry these surfaces. The average cloth or paper towel is too abrasive and often leaves scratches on the surfaces and finishes.

#### **Chemical Disinfecting**

Because there are hundreds of cleaners, conditioners and disinfectants available, it is impossible for manufacturers to test them all. The manufacturer of the cleaner or disinfectant to be used should be contacted to state whether or not the disinfectant will damage equipment surfaces.

#### **Unacceptable Disinfectants**

The following chemicals may damage equipment surfaces and finish:

- Alcohol based solutions
- o Acetone
- o Bleach
- o Phenol
- Foam spray products

#### NOTE

The SDS warranty does not cover damage to equipment caused by cleaning and disinfectant solutions.



## **Operator's Instructions**

### Light Switch

The 1335MD Dental Light illuminates at two intensities, 22,000 Lux (High) and 15,000 Lux (Low).

Positioning the toggle switch (1) will activate these intensities. The middle position is "Off", upper position is "Hi", and the lower position is "Low".

In order to disconnect the equipment from the supply mains, disconnect the plug from the supply receptacle.

#### **Positioning the Head**

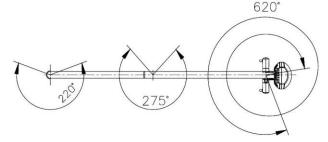
The head can be moved through the open handles (1), which are totally ergonomic and designed for absolute insulation.

#### Light Arm Assembly

1. Rigid Arm - the rigid arm controls the horizontal positioning of the light. There is a rotation stop of 220° degrees. Do not rotate the rigid arm over 220° degrees in either direction. This could cause damage to its internal wiring. Care should be taken when adjusting the horizontal position of the light to avoid striking walls or cabinetry.

2. Flex Arm - the flex arm's position is maintained by a counterbalance mechanism. The vertical travel is 70° degrees. Please Note: The Flex Arm has a rotational stop of 275° degrees. Do not rotate the Flex Arm over 275° degrees. This will cause damage to the flex arm and its internal wiring.

3. Flex Arm Drop – The flex arm drop is mounted to the flex arm.

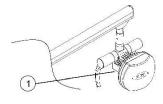


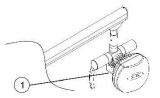
#### **Bulb Replacement**

- 1 Turn off power to the light from the power source.
- 2 Carefully release the clips from the glass reflector and remove plastic shield.

#### **Please Note:**

Pulling the plastic tabs with too much pressure may result in damage to the plastic shield.







3. Turn the deflector collar ring counter-clockwise to remove.

4. Pull the bulb until the terminal can be seen.

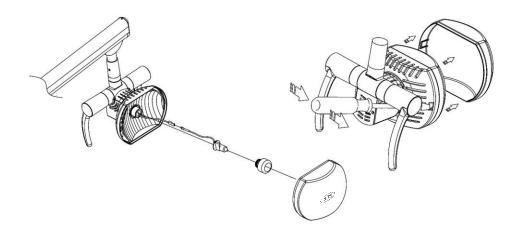
#### Please Note:

Never touch the bulb with bare hands!! Oil from skin will leave a residue on the bulb that may cause the bulb to over heat and burn out prematurely. Use a glove or handkerchief when replacing the light bulb.

5. Disconnect the terminal and replace the bulb by following steps 1-5 in reverse order.

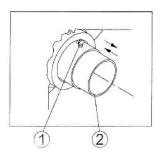
#### CAUTION

Only attempt to replace the light bulb after the light has been turned off and the metal deflector and bulb have completely cooled to avoid injury from heat.



#### Focus Adjustment

Open the lid in the back of the dental light's head and loosen the lock screw (1), that locks the bulb support bushing (2), by turning it counter-clockwise. With the light turned on, move the bulb support bushing closer or further from the glass reflector until the desired adjustment is reached. Retighten the lock screw (1) that locks the bulb support bushing in place (2). Please Note: The focal distance is 27"



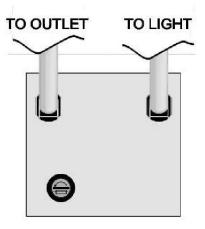


#### Replacing the Fuse – 115v and 220v/230v

Unplug the power cord. Locate the fuse holder. With a <sup>1</sup>/<sub>4</sub>" screw driver, push and rotate fuse cap counterclockwise.

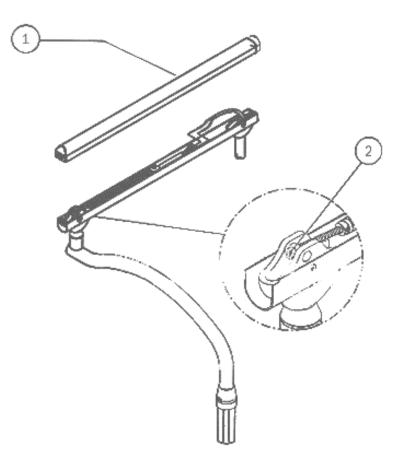
Pull the fuse cap and remove the fuse. Install a new MDL 1 <sup>1</sup>/<sub>4</sub> amp fuse and tighten the fuse cap.





#### Arm Adjustment

Remove the arm cover (1). With a 3/16" allen wrench, turn the bolt (2) clockwise to increase, or counterclockwise to decrease the spring pressure.





## **Installation Instructions**

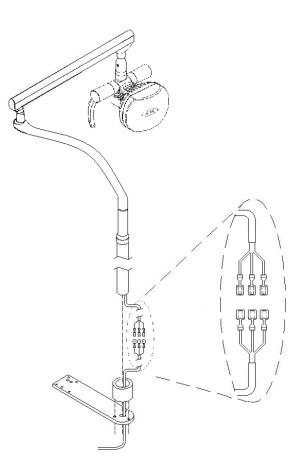
- 1. Attach the Bushing to the post.
- Run power cord from the remote transformer upward through the post so it may be connected to the light heads wire harness assembly in step (4).

Level the Post.

- 3. Connect the wires power cord from the transformer to the corresponding wires of the head wire harness assembly with the connector provided.
- 4. Feed the wire harness assembly down the post and insert the rigid arm into the bushing.
  Please Note: The Bushing, Rigid Arm and Post are designed with a retetional star. Post

Post are designed with a rotational stop. Be sure to position the stop knuckle inside the post so that it is towards the right side of the toe of the chair. Also, be sure the bushing and the ridged arm are positioned properly with the stop of the post to ensure the correct rotation of the light.

5. A hanger is provided on the outside of the remote transformer so that it may be mounted inside or outside a standard floor mounted utility center.



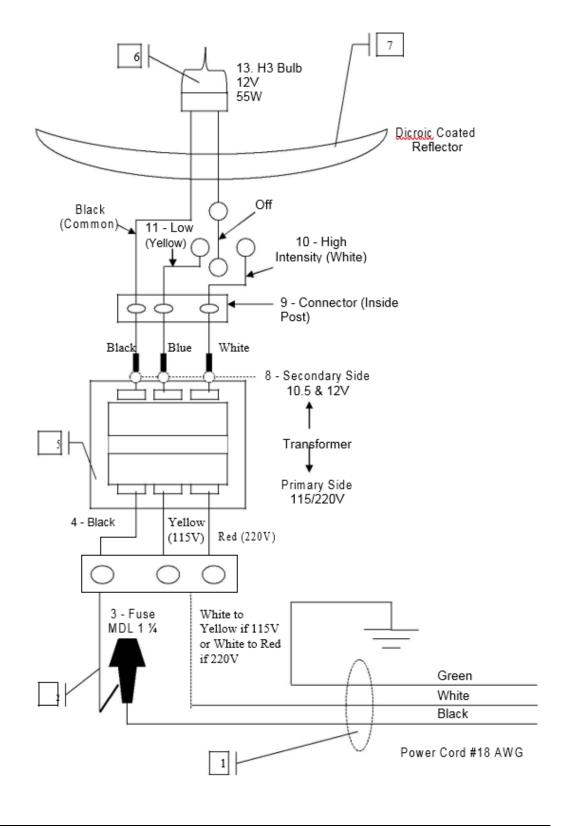


## **Trouble Shooting Guide**

| Symptom   | No illumination   |
|---|---|
| POSSIBLE CAUSE                                      | CORRECTIVE ACTION   |
| No power from source                                | Reset circuit breaker.  |
| Blown fuse in light                                 | Replace if blown - Part#: 7-040-0054.   |
| Blown light bulb                                    | Replace if necessary - Part#: 7-040-0019.   |
| Loose or disconnected wire in one of the connectors | With power cord "unplugged" check all<br>connections for bulb, power cord;<br>transformer and fuse for good metal<br>contact, if loose tighten or reconnect.  |
| Faulty transformer                                  | Make sure the voltage is present in the<br>Primary leads (115V or 220v/230v),<br>measure the voltage in the Secondary leads<br>(13V - High) (11.5V- Low). If there is no<br>voltage in secondary, replace the<br>transformer. Part#: 7-040-0062 |



## **Electrical Diagram**



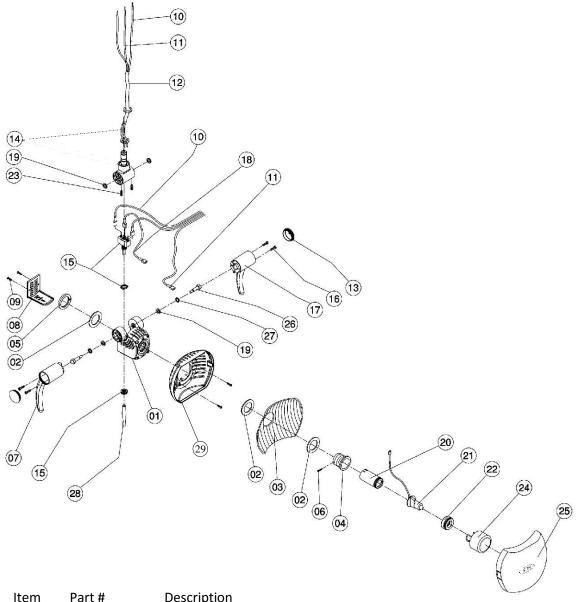


| Item | Part #     | Description   |
|------|------------|---|
|      |            |   |
| 1    | 7-010-1005 | Power Cord Assembly Awg 18/3 cond., Gray Jacket                 |
| 2    | 7-010-0050 | Fuse Holder, Slotted, Rear Hex Nut                              |
| 3    | 7-040-0054 | Fuse Time Delayed Bussmann Mdl -1 ¼, 60 Hz                      |
| 4    | 7-040-0022 | Transformer To Fuse Holder Cable                                |
| 5    | 7-040-0062 | Transformer 12V 55W 115v (1340,1335)1330XL                      |
| 6    | 2-040-0134 | Light Beam Metal Deflector (lights 1335/ E.L)                   |
| 7    | 2-040-0124 | Optic glass reflector, 1335 /E.L. lights                        |
| 8    | 3-040-3001 | Secondary Cable, Awg 18, 41/34 Str, 3 Cond., Blue, Black, White |
| 9    | 7-010-0138 | Male connector  |
|      | 7-010-0146 | Female connector  |
| 10   | 7-040-0023 | Wire Harness 11', Awg 18, 41/34 Str, 3 Cond. Blue, Black, White |
| 11   | 7-040-0052 | Light Toggle Switch, 10 A, 125 Vac                              |
| 13   | 7-040-0019 | Bulb #3, 12V, 55W   |
|      |            |   |
| ***  | 7-040-1003 | Transformer Assembly  |



Summit Dental Systems Toll Free: (800) 275-3368 www.summitdental.com

## **Light Head Assembly Parts List**

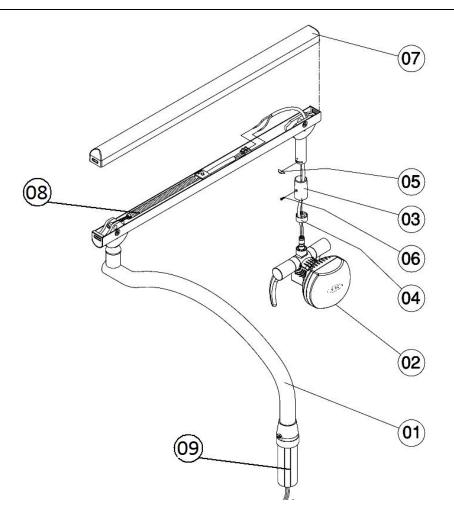


| Item | Part #     | Description                           |
|------|------------|---------------------------------------|
| 1    | 2-040-0081 | Head Frame, 1335                      |
| 2    | 4-040-0005 | Washer, Silicone, Optic Glass Support |
| 3    | 2-040-0124 | Glass, Optic, 1335 Dental Light       |
| 4    | 2-040-0070 | Bushing, Optic Glass Support          |
| 5    | 2-040-0087 | Locking Ring Support Bushing          |
| 6    | 4-040-0041 | Screw, Phillips, 1/8" X 3/16"         |
| 7    | 2-040-0107 | Left Handle, Light Head 1335          |
| 8    | 2-040-0086 | Cover, Rear Light Head                |
| 9    | 4-040-0034 | Screw 3/16" X 3/16"                   |
| 10   | 7-040-0033 | Low Intensity Wire                    |
| 11   | 7-040-0030 | High Intensity Wire                   |
| 12   | 7-040-0034 | Wire Insulated Jacket                 |
|      |            |                                       |



| 13 | 2-040-0080 | Handle Cap – 1335 Biscayne light                 |
|----|------------|--|
| 14 | 7-040-0018 | Wire Harness 10', 1330/1340/1335 SDS Lights      |
| 15 | 7-040-0052 | Toggle Switch, 3 Position                        |
| 16 | 4-040-0006 | Screw, #5 Phillips Head Self Taping              |
| 17 | 2-040-0079 | Right Handle, Light Head 1335/ E.L.              |
| 18 | 7-040-0035 | Bulb Voltage Intensity Wire                      |
| 19 | 4-040-0063 | Washer, Nylon 5/16 lights                        |
| 20 | 2-040-0054 | Light Bulb Mounting Cylinder                     |
| 21 | 7-040-0019 | Bulb, H3/12V/55W                                 |
| 22 | 2-040-0066 | Support Bushing Bulb                             |
| 23 | 5-020-0154 | 10-32 x ¼ Cup Point 18-8 S/S Socket set screw    |
| 24 | 2-040-0134 | Light Beam Reflector Metal Shield                |
| 25 | 2-040-0121 | Shield, Plastic, 1335                            |
| 26 | 2-040-0147 | Bolt, 1335 / EL light head articulation (lights) |
| 27 | 4-070-0026 | Washer, Metal 5/16                               |
| 28 | 2-040-0142 | Toggle Switch Extension                          |
| 29 | 2-040-0131 | Rear plastic shield 1335                         |
|    |            |  |





| Item | Part #     | Description              |
|------|------------|--------------------------|
| 1    | 2-040-0078 | Rigid Arm                |
| 2    | 2-040-1005 | Head Assembly            |
| 3    | 2-040-0167 | Locking Key Cover        |
| 4    | 2-040-0168 | Stop Ring                |
| 5    | 2-040-0164 | Locking Key (half moon)  |
| 6    | 4-040-0040 | Screw, Phillips M3 x 6mm |
| 7    | 2-040-0037 | Flex Arm Plastic Cover   |
| 8    | 2-040-0083 | Flex Arm Assembly        |
| 9    | 2-040-0170 | Post Bushing             |
| ***  | 2-040-0079 | Post 40" Biscayne        |
|      |            |                          |



## WARRANTY

Summit Dental Systems (SDS) warrants its products against defects in materials or workmanship from the date of shipment to the Buyer as follows:

| Summit Dental Systems (SDS) Equipment:                   | Warranty Period: |
|--|------------------|
| Chairs, Delivery Units, Cuspidors, Lights                | 5 Years          |
| Control Block Diaphragm (part of Delivery Unit)          | Lifetime         |
| All Upholstery, Stools, all Plastic Covers, and Cabinets | 1 Year           |

Summit Dental Systems' sole obligation under the warranty is to provide parts for repair, or at its option a replacement product (excluding all labor and shipping fees). "In any action, BUYER'S remedies are limited to warranty described above. BUYER shall not be permitted to claim lost profits, reliance, special, incidental, or consequential damages in any proceedings."The warranty does not cover damage from improper installation or maintenance, accident or misuse. The warranty does not cover damage resulting from the use of cleaning disinfecting or sterilization chemicals and processes. Failure to follow instructions provided in Summit Dental Systems' Operation and Installation Manuals (Owner's Guides) may void the warranty. In the event Warranty service must be performed to correct any defect, only an authorized Summit Dental System dealer may perform any and all warranty repairs. Any repairs by unauthorized dealers, technicians, or repairmen may void the warranty.

• In the case of a defective warranty item, a copy of the replacement invoice, model and serial number of the product under which it was replaced, and a description of symptoms of the defect must be returned with the part within 30 days of the replacement invoice date to Summit Dental Systems, 1280 SW 27<sup>th</sup> Ave Pompano Beach, FL 33069, USA, in order to receive credit. Any and all expenses for freight, labor to perform warranty service, and purchase of spare parts are the responsibility of the buyer. Any fraudulent claims made may void the warranty. Any additional warranty that may be provided by an authorized Summit Dental Systems dealer is the sole responsibility of said dealer.



• SDS reserves the right to make changes or improvements on any products without being required to modify existing equipment in a like manner.

# Please complete and retain for your records the following Information:

In case of warranty part replacement/repair or when ordering a part, please call your authorized Summit Dental Systems dealer and have the following information available:

| Owners'Name: | Phone #:       |
|--------------|----------------|
| Model #:     | SDS Serial #:  |
| Dealer:      | Phone:         |
|              | Purchase Date: |





1280 SW 27<sup>th</sup> Ave - Pompano Beach - FL 33069 Toll Free: (800) 275-3368 www.summitdental.com