

Mobile Simulator In-Bench Light

INSTALLATION GUIDE



Before You Begin

Check with local and state code authorities about installation requirements for this product.

Recommended Tools

- 7/16" socket wrench

Prepare the Bench



WARNING Failure to turn off or disconnect the power before you begin this procedure can lead to product damage and result in serious injury or death.

1. Turn off power to the unit.
2. Remove the bench top.



3. Remove the lower light post from the package.



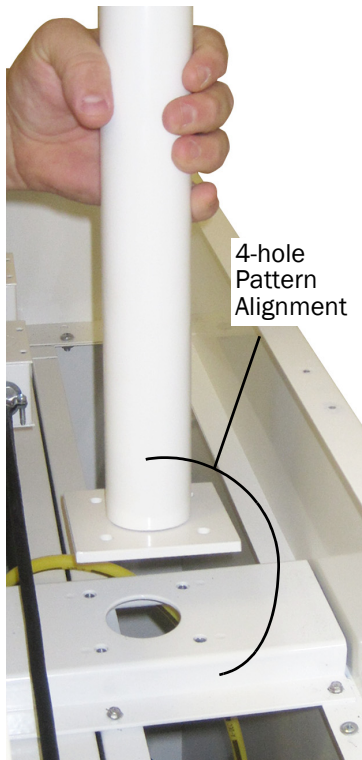
A-dec LED Dental Light

A-dec Halogen Dental Light

- Place the lower light post in the bench, then align the 4-hole pattern in the post base with the pattern on the bench.



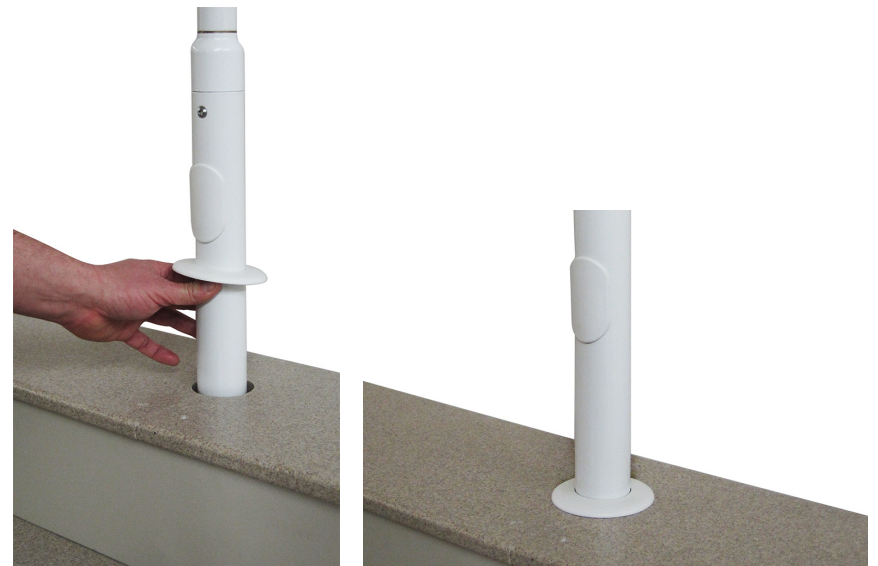
IMPORTANT The screw in the light post must face the front of the bench.



- Use a 7/16" socket wrench to secure the four screws and washers to the post.



- Replace the bench top.
- Install the trim ring.



Install the Light

1. Remove the flexarm and light post from the package.



2. While pulling the cable at the end of the light post, install the flexarm into the light post.

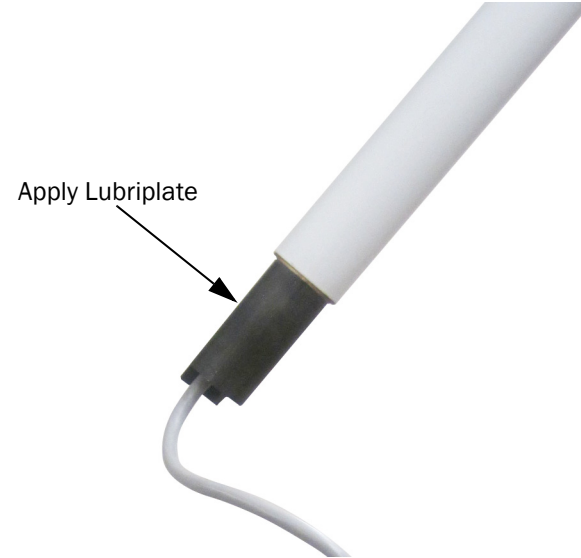


TIP It may be easier to lay the flexarm and light post on a flat surface while installing the flexarm.



NOTE The flexarm must be aligned with the light post.

3. Apply a light coating of Lubriplate™ to the rotating portion of the light post.



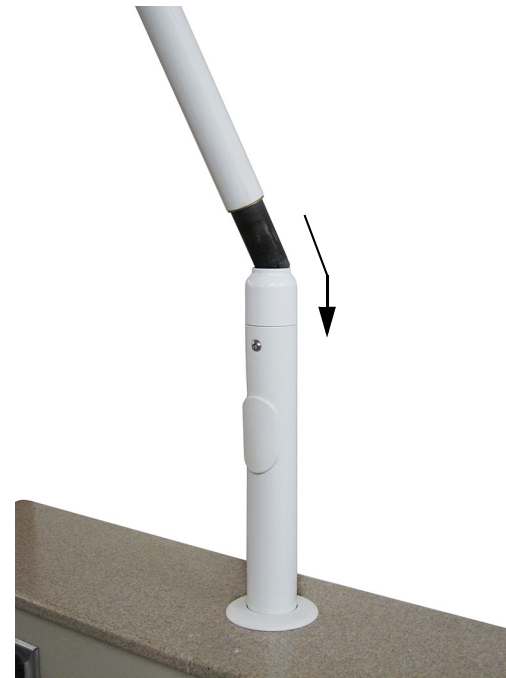
4. Route the cable down through the lower light post and through the opening in the bench.



NOTE Make sure the cable does not become bound in the stop knuckle assembly to avoid cable damage.



5. Insert the light post assembly into the lower light post.



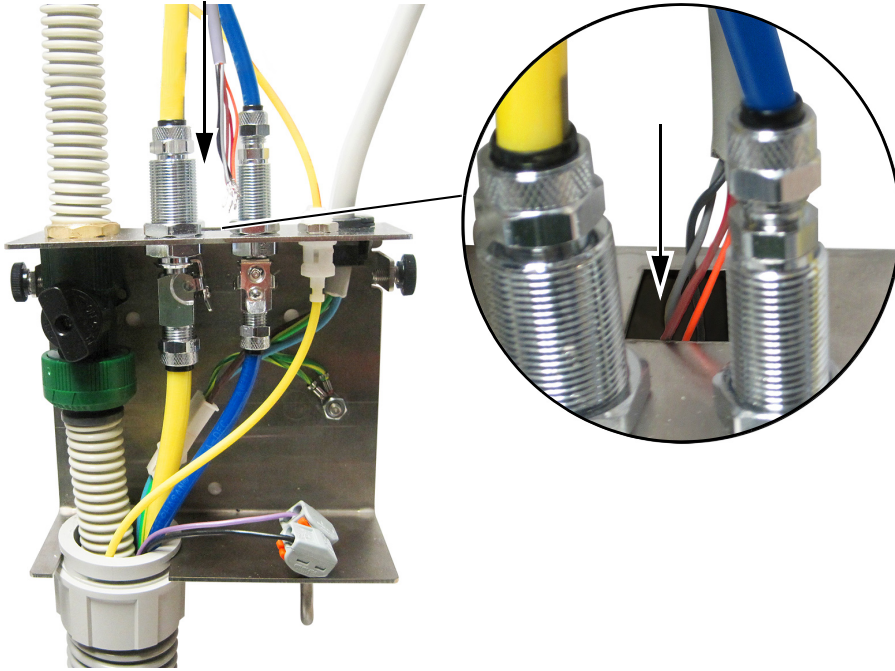
6. Insert the 3/16" stop pin from the ship kit into the hole under the rigid arm elbow cap.



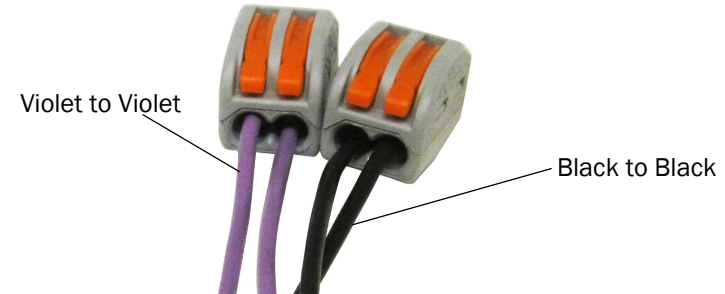
Stop Pin

Complete the Light Installation

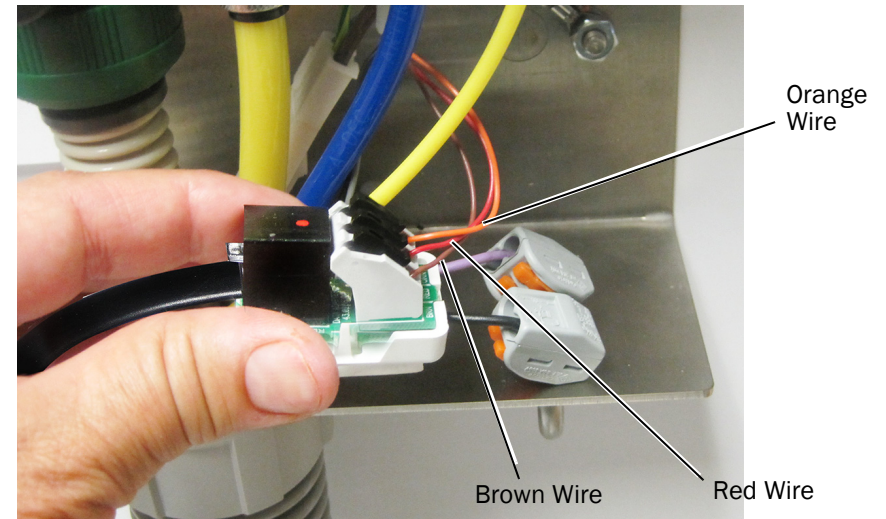
1. Feed the light wires through the lower opening in the bench.
2. Remove the utility cover and feed wires through the hole in the bench.
3. Insert the wires through the square hole.



4. 6300 lights only:
 - (1) Connect the power as follows:
 - o Violet to violet
 - o Black to black



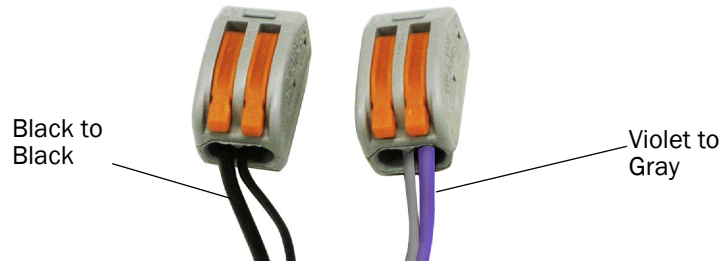
5. LED lights only:
 - (1) Install the wires to the adaptor board:
 - o Orange wire to ORN
 - o Red wire to RED
 - o Brown wire to BRN



- (2) Attach the adaptor board to the bench mount.

(3) Connect the power:

- Black to black
- Violet to gray

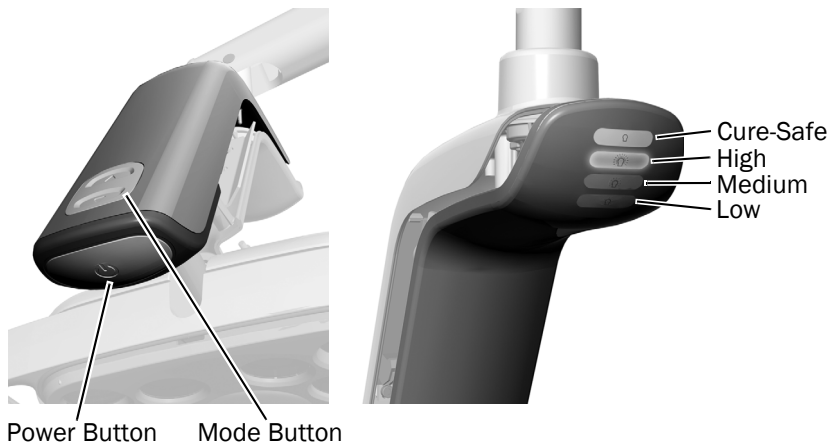


6. Plug in the light.

Test the Light

A-dec 578L Test Procedure

1. Turn on the power to the system.
2. Turn on the light.
3. Press the mode button to test the light in each mode.
4. For each mode, verify that the correct light on the driver housing cover is illuminated.




A-dec 378L Test Procedure

1. Turn on the power to the system.
2. Test the light:
 - **Lights controlled by a touchpad:** Press the power button on the light head several times to verify that the light switches between on and off. Leave the light off.
 - **Lights not controlled by a touchpad:** Press the power button on the light head several times and verify that the light cycles through high-low-off.
3. If the light doesn't work properly, check the wire connections.





Next Step See "Test the Dental Light Using the Touchpad" on page 7.

Test the Dental Light Using the Touchpad

1. To verify the light turns on and toggles between intensity modes (378L: High and composite/low; 578L: High, medium, and low plus cure-safe mode), repeatedly press and release . To turn off the light, press and hold the button.



NOTE When the 378L is in the composite/low mode or the 578L is in cure-safe mode, the light indicator on the touchpad flashes.

2. To disable the auto on/off feature, press and hold  and  at the same time for three seconds. One beep indicates that the auto on/off function is off. To re-enable, repeat this step. Three beeps indicate that the auto on/off feature is activated.

A-dec Simulator Touchpad



Regulatory Information

Regulatory information mandated by agency requirements is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at www.a-dec.com.

Product Models and Versions Covered in this Document

Models	Versions	Description
6300	A	Dental Light
378L, 578L	A	Dental Light

All trademarks cited herein are the property of their respective owners.



 **A-dec Headquarters, 2601 Crestview Drive, Newberg, OR 97132 USA**
Tel: 1.800.547.1883 Within USA/Canada, Tel: 1.503.538.7478 Outside USA/Canada
www.a-dec.com

A-dec Inc. makes no warranty of any kind with regard to the content in this document including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.



86.0339.00 Rev E
Date of Issue 2020-03-02
Copyright 2020 A-dec Inc.
All rights reserved.
IGgrphpor21