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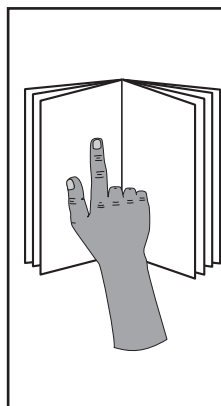
# MODEL T33679 ARTICULATING LED LIGHT INSTRUCTIONS

## Introduction

The Model T33679 produces 3600 lumens and is designed with three articulating joints and a swivel base to provide an extensive range of movement. It can be mounted to nearly any flat surface using the L-bracket or clamping bracket.



Figure 1. Model T33679.



## !WARNING

To reduce risk of serious injury, read this entire manual BEFORE using LED light. Read and understand instructions/safety warnings provided by manufacturer for any machine or tool you plan to use with this light.

## Inventory

Contents (Figure 2)	Qty
A. LED Light Assembly .....	1
—Base.....	1
—Arm .....	1
—LED Light .....	1
B. Clamping Bracket .....	1
C. L-Bracket .....	1
D. Crown Washers 8mm .....	4
E. Button Hd Cap Screws M8-1.25 x 50 .....	2
F. Cap Screws M5-.8 x 16 .....	4
G. Fender Washers 8 x 30 x 0.6mm .....	6
H. Flat Washers 5mm .....	4
I. Lock Nuts M8-1.25 .....	2
J. Hex Wrench 4mm .....	1
K. Hex Wrench 5mm .....	1
L. Open-End Wrench 13mm .....	1

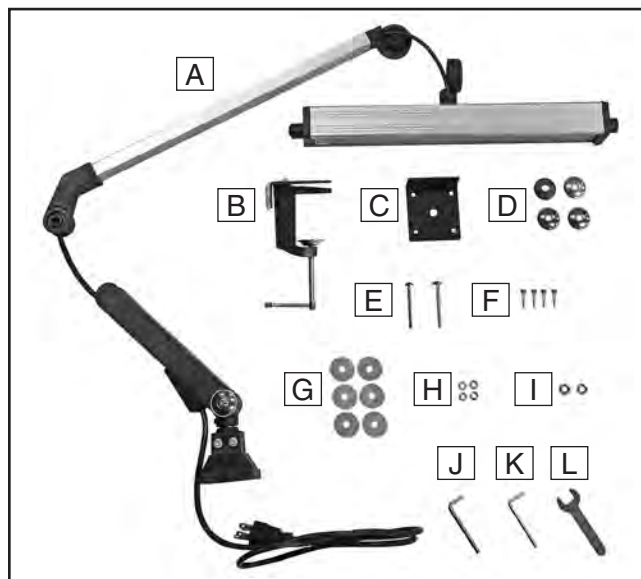


Figure 2. Inventory.

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\*\*\*Keep for Future Reference\*\*\*

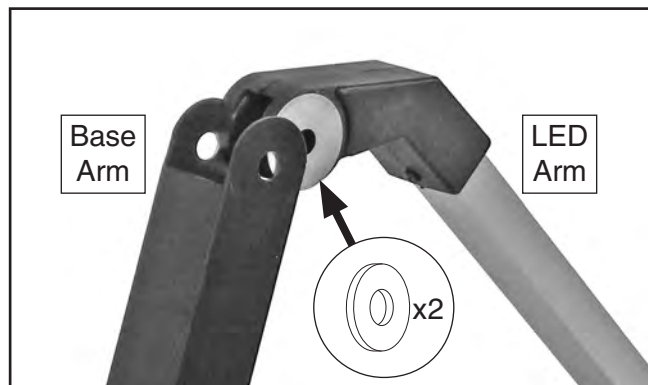
## Assembly

Assembling the Model T33679 consists of securing the upper and middle articulating joints with the supplied fasteners.

### To assemble light:

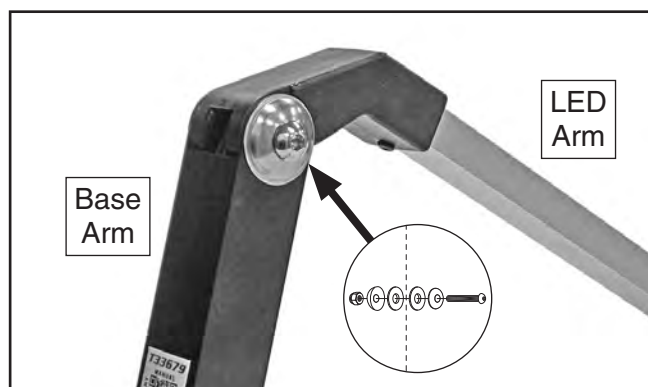
1. Position (1) 8 x 30 x 0.6mm fender washer on each side of joint at lower end of LED arm (see **Figure 3**).
2. Slide base arm connector over LED arm joint (see **Figure 3**) so fender washers are captured and holes are aligned.

**Note:** Be sure side of base arm with power cord faces nearest electrical outlet, and that power cord does not interfere with machine function.



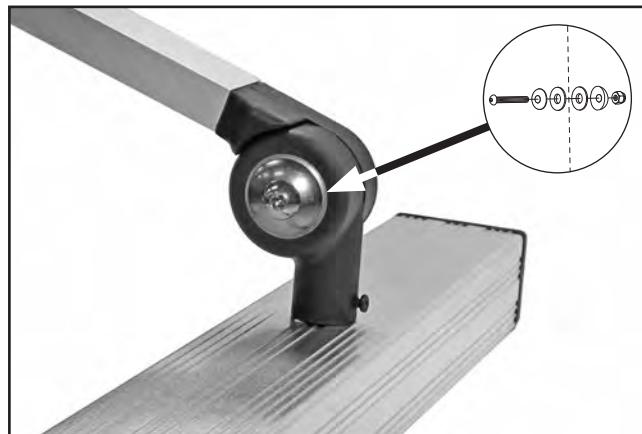
**Figure 3.** Assembling joint components.

3. Use (1) M8-1.25 x 50 button head cap screw, (2) 8 x 30 x 0.6mm fender washers, (2) 8mm crown washers, and (1) M8-1.25 lock nut to secure joint components (see **Figure 4**).



**Figure 4.** Joint components assembled.

4. Press joint half at upper end of LED arm into joint half on back of light (see **Figure 5**).
5. Use (1) M8-1.25 x 50 button head cap screw, (2) 8 x 30 x 0.6mm fender washers, (2) 8mm crown washers, and (1) M8-1.25 lock nut to secure joint halves (see **Figure 5**).



**Figure 5.** Upper joint halves assembled.

## Mounting with L-Bracket

The L-bracket includes three mounting holes for use with fasteners up to 1/4" diameter.

Items Needed	Qty
Mounting Fasteners.....	As Needed
Pencil.....	1
Power Drill .....	1
Drill Bit.....	1

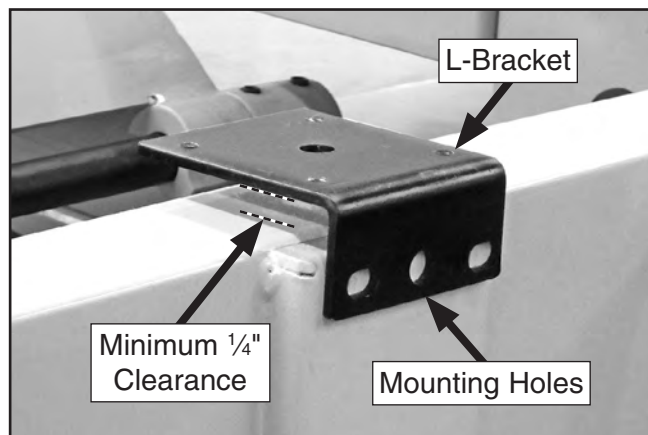


### To mount light with L-bracket:

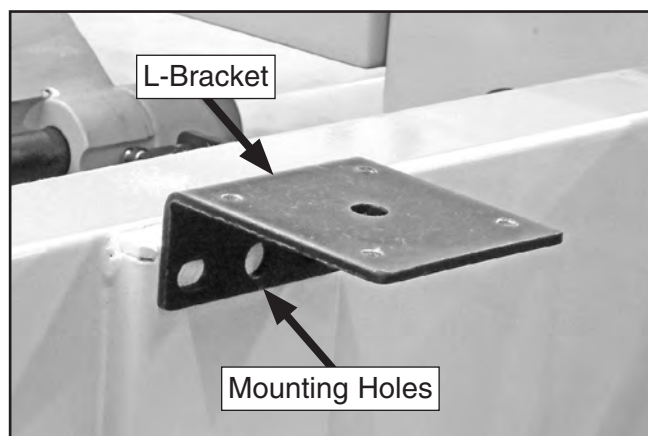
1. Place L-bracket over intended mounting location, and use a pencil to mark position of holes to be drilled.



**Note:** If L-bracket is positioned directly over mounting surface (see **Figure 6**), allow minimum  $\frac{1}{4}$ " clearance between mounting surface and L-bracket for cap screws and flat washers to be installed in **Step 4**.



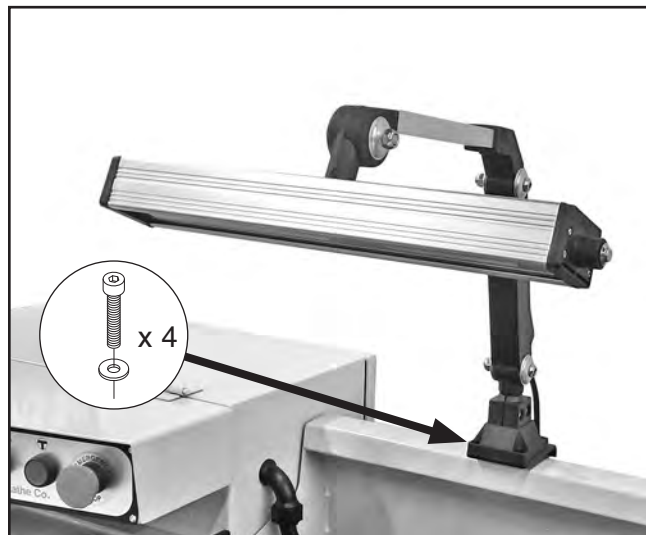
**Figure 6.** Example of L-bracket positioned over mounting surface.



**Figure 7.** Example of L-bracket positioned away from mounting surface.

2. Drill holes at center of each marked position according to size of fasteners to be used.
3. Position L-bracket over drilled holes and secure with fasteners.

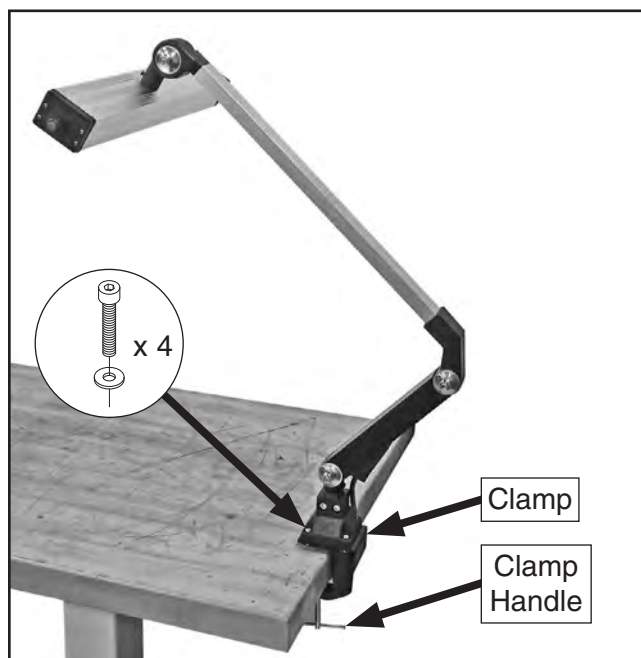
4. Attach base of LED light to L-bracket with (4) M5-.8 x 16 cap screws and 5mm flat washers (see **Figure 8**).



**Figure 8.** LED light mounted on L-bracket.

### Mounting with Clamping Bracket

Loosen the clamp handle until the mouth of the clamp will slide onto the mounting surface. Tighten the clamp handle until the clamp is secure, then mount the light on the clamp using (4) M5-.8 x 16 cap screws and 5mm flat washers (see **Figure 9**).



**Figure 9.** LED light mounted on clamping bracket.



## 120V Circuit Requirements

This tool is prewired to operate on a power supply circuit that has a verified ground and meets the following requirements:

**Nominal Voltage** ..... 110V, 115V, 120V  
**Cycle** ..... 60 Hz  
**Phase** ..... Single-Phase  
**Power Supply Circuit** ..... 15 Amps  
**Plug/Receptacle** ..... NEMA 5-15

## Grounding & Plug Requirements

This tool **MUST** be grounded. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

This tool is equipped with a power cord that has an equipment-grounding wire and a grounding plug. Only insert plug into a matching receptacle (outlet) that is properly installed and grounded in accordance with all local codes and ordinances. **DO NOT** modify the provided plug!

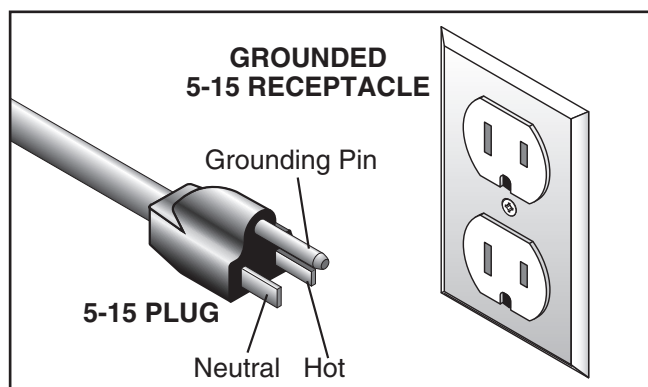
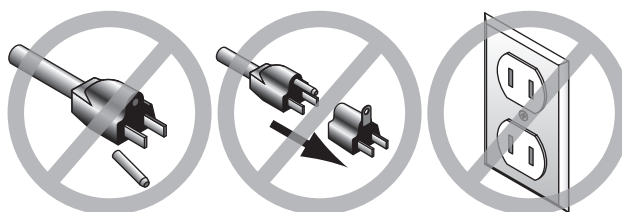


Figure 10. Typical 5-15 plug and receptacle.

**⚠ CAUTION**



**SHOCK HAZARD!**  
Two-prong outlets do not meet the grounding requirements for this tool. Do not modify or use an adapter on the plug provided—if it will not fit the outlet, have a qualified electrician install the proper outlet with a verified ground.

## Operation

Press the ON/OFF button shown in **Figure 11** once to turn the LED light **ON**; press the button again to turn the light **OFF**.

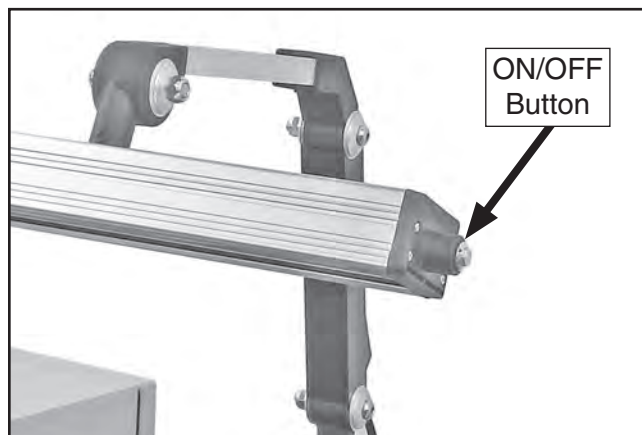


Figure 11. Location of ON/OFF button.

Apply light pressure at each of the articulating joints to maneuver the light to the desired position. To rotate the light from side to side, loosen the cap screws shown in **Figure 12**, rotate the light to the desired position, then tighten the screws to secure.

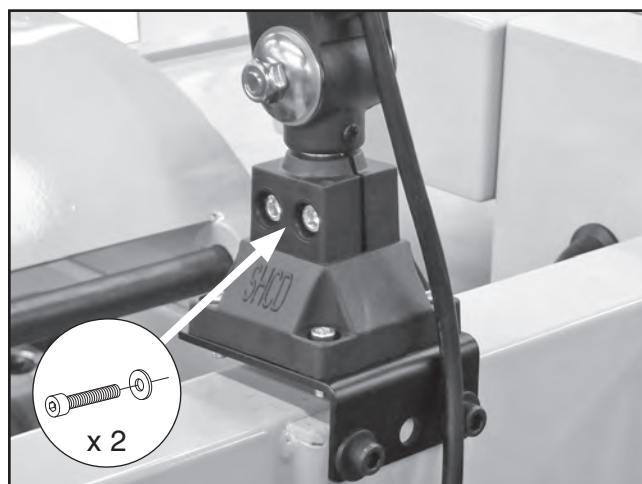


Figure 12. Location of cap screws in base.

