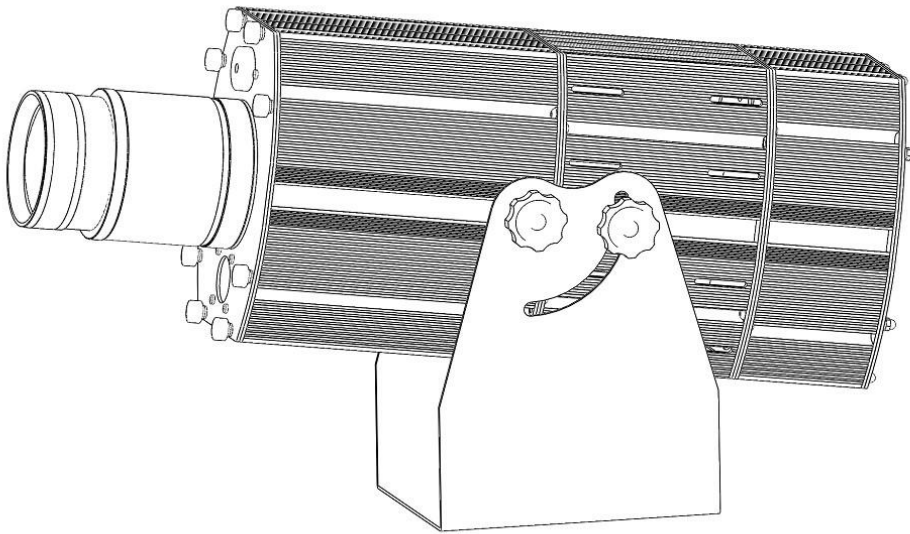


User Manual and Specifications for LC-40w Projector



LTBLtech

"Loss Prevention for the 21st Century"

Thank you for your purchase of the LC-40w LightCop Projector. Before installing and using your LC-40w projector, we would like to present some helpful information concerning use, specifications, and maintenance.

Your LC-40w is a safety/warning sign projector whose efficiency in luminosity depends upon a reasonably reflective surface such as concrete. If your facility has floors which are darkened by industrial paint, asphalt, etc, you may wish to consider “lightening” the projection image floor area for maximum efficiency of your LightCop. This is most easily accomplished by using a solid template of the projected image’s size on your floor and spraying a light film of white or light gray industrial epoxy paint(readily available at Lowe’s, Home Depot, Menards, etc). Keeping in mind that nothing overcomes “light” except brighter light, your LightCop’s projected *safety warning* image will always be visible no matter what is spilled on the floor during any shift in the work day. Light always remains on top!

I. Technical Information about your LC-40w

1. Operational Voltage: Although your LightCop comes preinstalled with "Intelligent Power Translating Circuitry". Your unit is configured to function on 90v to 120v AC Edison power.

2. Rated Frequency for optimal operation is 50 to 60Hz.

3. Average Power Consumption during operation: 50w

(perfect for "Green Initiatives")

4. Protection Grade: IP65 - A sealed system compatible to most any environment. (not yet explosion proof "Certified")

II. Product Design and Operations

Your LightCop is constructed with rustproof aluminum alloy that is shock resistant and very efficient with thermal management. LightCop's ease of setup and use makes it ideal for efficient installation in most any environment.

The Construction and components of your LightCop are shown in

Figures 1, 2 and 3.

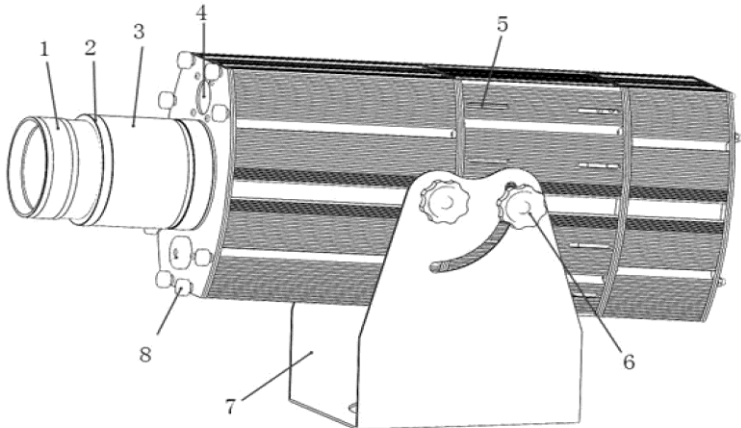


Figure-1

- 1- Lens
- 2- Lock Nut
- 3- Mounting base of Lens
- 4- Radar Unit
- 5- Thermal Mgmt
- 6- Thumb Screw
- 7- Bracket
- 8- Screw Nut

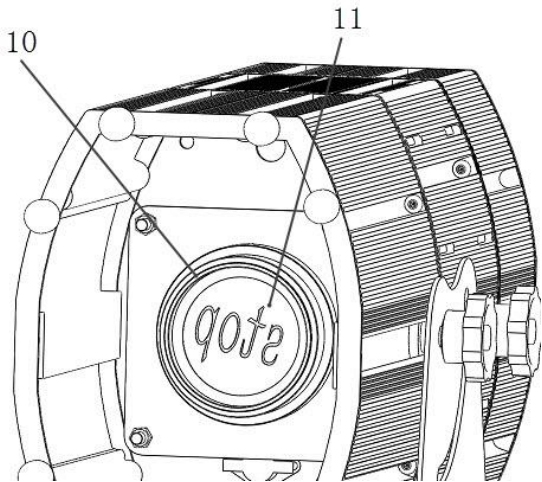


Figure-2 10- Logo Clamping Wire, 11- Glass Gobo

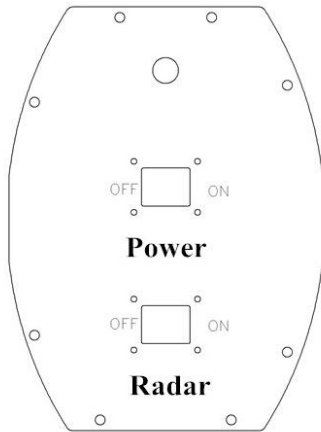


Figure-3

III. Installation

Please refer to Figure-4 for visual reference on installation procedures.

The LightCop will always be mounted overhead onto a **Steel I-Beam**. I-beam mounting information and procedure for mounting, including description of hardware is included. Utilize the Safety Tie-Off Cable as a secondary safety measure for mounting.

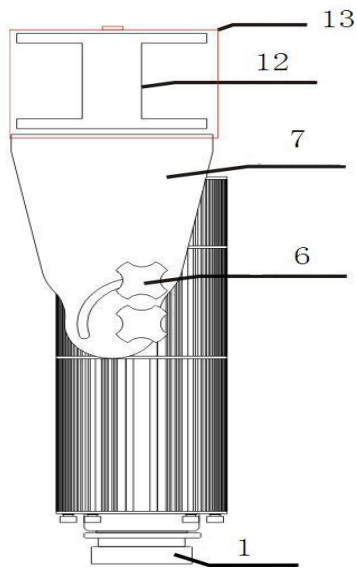


Figure-4

1- Lens 6-Thumb Screw 7-Bracket 12-I-Beam 13-Metal Clamp

1. Lighting Installation

1. When suspended put bracket-(7) on the back of the LightCop, and connect Metal Bracket-(13) to the I-Beam. (at least 2 clamps). Then loosen Thumb Screw- (6) on both sides of the bracket, and adjust the projection direction.

2. Gobo Replacement (see figure #2)

Unscrew the nut- (8) and gasket, and open the front cover of lens (as

shown in figure-2), then unscrew the Logo Clamping Ring- (10) and remove the Glass Gobo- (11), replace with a gobo of your choice, then screw on the Clamping Ring.

3. Image Adjustment

After putting the gobo, turn on the power, then rotate the lens clockwise or counterclockwise, until the image becomes very clear and sharp. If the image is blurred, rotate the lens either direction till the image becomes clear and sharp.

IV. Operating Principle

1. Our patented condensing lens projects High Intensity LED light through the glass gobo with the safety image, then projects the image through the High Definition focusing lens assembly. A Radar sensor sends out a signal that returns to the computer controlling system to activate the light when it senses movement.

2. Working process: Turn on the Power, the image will be lit and work all the time. Turn on the switch for the Radar control, and this will activate the radar module to make the flash/warning sequence work: The gobo

flashes on and off for 15 seconds when objects enter in the range of radar, then the light returns back to 100% till it senses movement again.

V. Notice

1. Before using your LightCop please read the installation instructions carefully, and operate it according to the instructions.
2. Because heat is generated while functioning, you can not install LightCop in a flammable or explosive environment.
3. LightCop is not Certified for Explosion Proof usage at this time.
4. Maintenance must verify units return to operation if power is cut off.
5. Reduced luminosity generally indicates the lens needs to be cleaned. Use a soft cotton cloth moistened with alcohol to clean the lens and gobo.
6. Your LightCop is IP65 Certified for indoor or outdoor extremes use. Do not mount to any I-Beam with vibration. To avoid electric shock DO NOT handle unit in wet conditions unless it has been unplugged.
7. Do not modify your LightCop or change components in any manner, as this will void your factory warranty.
8. Please turn off the unit immediately when a malfunction occurs, and

ask your qualified electrical service personnel to check and repair.

VI. Maintenance

1. For safety and efficient operation the projector should be regularly inspected (recommendation every 3/mo). Do not clean with corrosive chemicals to avoid damage or protective coating loss.
2. Stop using the projector immediately if a malfunction occurs, and repair it to prevent further damage. If the projector is beyond its working life it should be replaced at once.
3. Check the operation of your projector regularly to avoid costly safety accidents in your workplace environment.

VII. Contact Us:

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Or catch us on the Web at:www.ltbltech.com