Gobo Projector with ESD Susceptibility Lens Installation and Operation Instructions

Figure 1. SCS 770146 Gobo Projector

Description

The SCS 770146 Gobo Projector is an accessory to the SCS WS Aware Monitor and Power Relay. It utilizes a 20 W LED lamp to project an ESD susceptibility symbol onto an ESD workstation to remind operators to ground themselves while in the area. To setup the projector, simply mount it to the location of choice and connect its power cord to the Normally On outlet on the Power Relay. The ESD susceptibility symbol will project onto the work area until a worn wrist strap is connected to the WS Aware Monitor. The Gobo Projector is housed in aluminum and uses heat sink cooling for quiet operation.

The Gobo Projector is compatible with the following items:

Item	Description
770067	WS Aware Monitor
770068	WS Aware Monitor
770069	Power Relay, 120 VAC

Packaging

1 Gobo Projector with ESD Susceptibility Lens
1 North America Power Cord

Figure 2. Gobo Projector packaging contents

Safety Information

- Place the projector at a suitable place with good airflow.
- Keep flammable materials away from the projector.
- Maintain a minimum distance of 1' (0.3 m) to flammable material.
- Provide a minimum clearance of 4" (10 cm) around air vents.
- Use only genuine spare parts for part replacement.
- Do not look directly into the lamp; it can result in eye damage.
- Always unplug the unit from the power mains before any service is done.
- Projectors should be installed and maintained only by qualified personnel with experience in lighting equipment and general electrical experience.

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Employee Owned

Electrical Safety

- Disconnect the projector from AC power before handling the fixture.
- Always ground (earth) the projector electrically.
- Use only a power source that complies with local building and electrical codes and has both, overload and ground-fault protection.
- Do not use the projector if the power cable or power plug is in any way damaged, defective, or wet, or if they show signs of overheating.

Installation

WS AWARE MONITOR & POWER RELAY

The SCS Gobo Projector is designed to be paired with the SCS WS Aware Monitor and SCS Power Relay. See technical bulletin TB-9102 for installation instructions of the two devices prior to installing the Gobo Projector.

Figure 3. SCS 770067 WS Aware Monitor

Figure 4. SCS 770069 Power Relay

GOBO PROJECTOR

1. Place the Gobo Projector at a suitable place with good airflow. Make sure there are no flammable materials close to the lamp.

2. Use the mounting pattern on the projector's yoke to secure it to the desired location. It is mainly designed for wall and ceiling mounting, but it may also be placed on a table or shelf.

3. Connect the projector's power cord to the NORMALLY ON receptacle on the SCS Power Relay.

4. Power the projector by pressing the power switch located at the back of its enclosure.

5. Focus the projection by twisting the lens in and out until the image is well focused. When used for the first time, the lens often needs to be twisted outwards many rotations to reach the focusing point.

Operation

1. Fit the wristband snugly onto the wrist.

2. Snap the wrist cord to the wristband.

3. Plug the wrist cord into the operator remote's monitored jack labeled "OPERATOR". The corresponding operator LED will illuminate solid green on the WS Aware Monitor, and the Gobo Projector will shut off. This indicates that the operator is properly grounded.

4. If this does not happen, examine the wrist cord for continuity or damage and the wristband to ensure that it fits securely. If you have dry skin, apply an approved dissipative hand lotion such as Menda Reztore® ESD Hand Lotion.
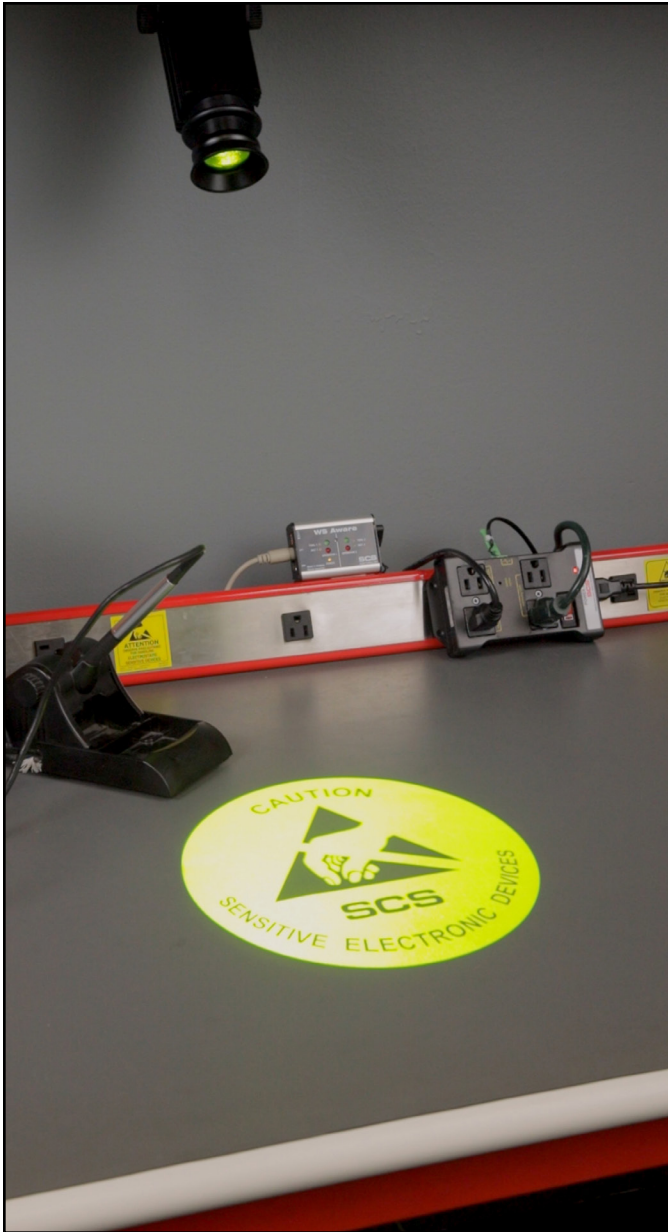
Figure 5. Using the Gobo Projector, WS Aware Monitor, and Power Relay

Specifications

Power Supply	100-240 VAC, 50/60 Hz, 25 W
Operating Temperature	-22 to 122° F (-30 to 50° C)
Projector Dimensions	Base: 2.75" x 3" (70 mm x 76 mm) Total Length: 8 to 10" (203 to 254 mm) Total Height: 5.5" (incl. yoke) (140 mm)
Gobo Dimensions	Metal or Glass Gobos and Dichroic filters with up to 3.3 mm thickness Standard E-Size Outer Diameter (OD): 37.5 mm Image Diameter (ID): 27 mm (max 32 mm)
Weight	2.4 lbs (1.1 kg)
LED Lamp	Power: 20 W Rated Luminous Flux: 1,800 lm Effective Luminous Flux: 1,000 lm Rated Bulb Life: 30,000 h Color Temperature: 7,000 k ± 500 k
Projection Range	Bright Environment: Up to 30 feet Dim Environment: Up to 60 feet Dark Environment: Up to 140 feet
Country of Origin	China

Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See the SCS Warranty -
StaticControl.com/Limited-Warranty.aspx