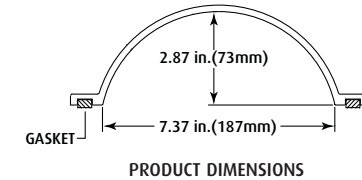
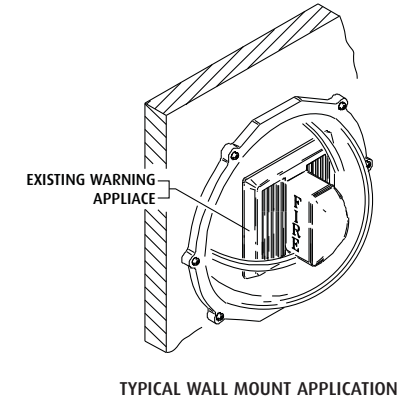
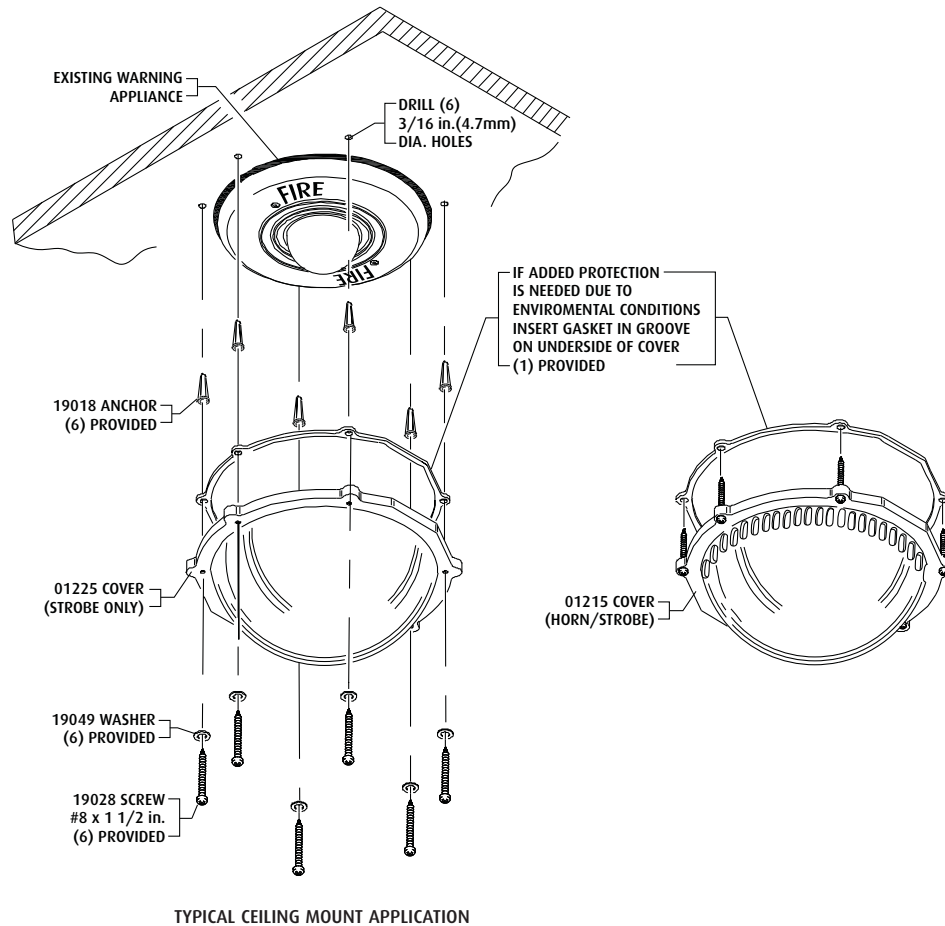




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INSTALLATION NOTES

1. To minimize strobe light loss, regardless of the type of horn/strobe appliance used, the clear section (not the section containing the cutout slots) must be centered over the strobe light lens. Failure to follow these instructions may lead to light loss transmission.
2. Stopper Dome must be installed to comply with applicable NEC, NFPA and local codes.
3. Stopper Dome may be installed outdoors when appliance carries an outdoor rating.

INSTALLATION INSTRUCTIONS - REFER TO EXPLODED VIEW

1. Using cover as a template, place against mounting surface at proper location according to NFPA 72.
2. Mark and drill (6) holes 3/16 in. (4.7mm) diameter, 1 1/4 in. (32mm) deep.
3. Insert the (6) anchors into the wall.
4. Install horn/strobe appliance.
5. Install cover with washers and screws.
6. Test appliance according to appliance manufacturer's instructions.

CLEANING INSTRUCTIONS

Rinse with water to remove abrasive dust and dirt. Wash with soap or mild detergent, using a soft cloth (do not scrub). Rinse once more then dry with a soft cloth or chamois. To remove grease or wet paint, rub gently with a cloth wetted with naphtha. Then wash and rinse. DO NOT USE RAZOR BLADES.

INSTALLATION OF STI-1215 STOPPER® DOME FOR HORN/SPEAKER/STROBE FLUSH MOUNT AND STI-1225 STOPPER® DOME FOR STROBE FLUSH MOUNT

All specifications and information shown were current as of publication, and are subject to change without notice. 1225-151S AUG2009



UL INSTALLATION REQUIREMENTS STI DOME SERIES

CAUTION:

- The enclosure is rated to protect signaling appliances indoors and in areas of indirect weather exposure. The cover may be used outdoors only with devices also suitable for outdoor use.
- When covering fire-signaling appliances with this enclosure, some light and sound loss occurs. Please follow the guidelines listed during installation.
- Strobe light loss values for respective manufacturers are shown below. To determine the new composite candela value for use with this guard refer to the sample calculation shown below for a manufacturer's strobe.
- Example: Record the manufacturer's candela value as "A" and the light loss value as "B" and the assembly value as "C". For example "Sample Company" has a 60 candela strobe with a 30% light transmission loss value. Value "A" is now 60. Value "B" is (60 times 30% or 0.30) in this case 18. Now value "C" equals value "A" minus value "B" or 60-18 = 42 candela light source. Now refer to NFPA tables for proper room size that the newly established value "C" will work in. Submittal installation drawings must show the composite candela value as 42.
- On a dual value strobe such as 15/75 a calculation must be done for each value and the drawing notation composite value for each number on the strobe.

Performance Review - LIGHT DERATING FACTOR

| MANUFACTURER | SERIES | STI-1215/1217/1219 | STI-1225/1227/1229 |
|-------------------------|-----------------------------|--------------------|--------------------|
| ADT SECURITY | ADTG1-V SERIES | 20% | 32% |
| AMSECO | SL24W-153075 | 22% | 37%+ |
| AMSECO – COLORED LENSES | SL24W-153075 A, B, G, OR R | 22% | 37%+ |
| AMSECO – COLORED LENSES | SL24C-3075110 A, B, G, OR R | 22% | 37%+ |
| AMSECO – COLORED LENSES | CSL24W-A, B, G, OR R | 22% | 37%+ |
| AMSECO – COLORED LENSES | CSL24C-A, B, G, OR R | 22% | 37%+ |
| DETECTION SYSTEMS | GES24 SERIES | 27% | 37%+ |
| DETECTION SYSTEMS | GES24-15/75 | 27% | 37%+ |
| EST / EDWARDS | 2440S SERIES | 33% | 34%+ |
| EST / EDWARDS | 202 SERIES | 33% | 34%+ |
| EST / EDWARDS | G1-V SERIES | 20% | 32%+ |
| EST / EDWARDS | G1-HV SERIES | 20% | 32%+ |
| EST / EDWARDS | G1-HOV SERIES | 20% | 32%+ |
| EST / EDWARDS | EG1-V SERIES | 20% | 32%+ |
| EST / EDWARDS | EG1-HV SERIES | 20% | 32%+ |
| EST / EDWARDS | EG1-HOV SERIES | 20% | 32%+ |
| FARADAY LLC | 2700 | 23% | 33%+ |
| GENTEX | GES24 SERIES | 27% | 37% + |
| GENTEX | GES24-15/75 | 27% | 37% + |
| HARRINGTON SIGNAL | GES24 SERIES | 27% | 37% + |
| HARRINGTON SIGNAL | GES24-15/75 | 27% | 37% + |
| HONEYWELL | XLSG1-V SERIES | 20% | 32%+ |

| MANUFACTURER | SERIES | STI-1215/1217/1219 | STI-1225/1227/1229 |
|------------------------|--------------------------|--------------------|--------------------|
| HONEYWELL | XLS202 SERIES | 33% | 34%+ |
| HONEYWELL | XLSG1-HV SERIES | 20% | 32%+ |
| HONEYWELL | XLSG1-HOV SERIES | 20% | 37%+ |
| MIRCOM | FS-240 | 22% | 37%+ |
| MIRCOM | MS SERIES | 33% | 34%+ |
| MIRCOM | MG1-V SERIES | 20% | 32%+ |
| MIRCOM | MG1-HV SERIES | 20% | 32%+ |
| MIRCOM | MG1-HOV SERIES | 20% | 32%+ |
| MIRTONE | MG1-V SERIES | 20% | 32% |
| NATIONAL TIME & SIGNAL | GES24 SERIES | 27% | 37% |
| NATIONAL TIME & SIGNAL | GES24-15/75 | 27% | 37%+ |
| POTTER ELECTRIC | AS-24-153075R | 22% | 37%+ |
| POTTER ELECTRIC | AS-24-153075W | 22% | 37%+ |
| SECUTRON | GES24 SERIES | 27% | 37%+ |
| SECUTRON | GES24-15/75 | 27% | 37%+ |
| SIEMENS | 202 SERIES | 33% | 34%+ |
| SIEMENS | G1-V SERIES | 20% | 32%+ |
| SIEMENS | U-MCS SERIES | 23% | 33%+ |
| SYSTEM SENSOR | SS24110ADA | 26% | 36%+ |
| SYSTEM SENSOR | P2, PC2, P4, PC4, SX, SC | 39% | 28% |
| WHELOCK | RSS-24MCW | 34% | 31% |
| WHELOCK | RSS-24MCC | 36% | 35% |
| ZITON PTY LTD | ZG1-V SERIES | 20% | 32%+ |

+ Indicates notification appliance can also be used with STI Heater Domes models STI-1229HTR or STI-1229HTR240.

SOUND DERATING FACTOR for STI-1215, STI-1217, STI-1219
HORNS: Amseco Audible Horn Sounders: 6.2 dBA; System Sensor: 3.1 dBA
SPEAKERS: Siemens Adapter Series (0.5, 1, or 2 watt taps only): 4.1 dBA