

GSS Colored Lens Series

Ceiling/Wall Mount Selectable Candela Speaker/Strobe

20 units per carton, 38 pounds per carton

Applications

The GSS Colored Lens Commander 5 Series is universal ceiling and wall mount speaker/strobe combination. The high fidelity speaker is tested to a wide frequency range of 315Hz to 5000Hz, exceeding the UL1480 requirements. The GSS Colored Lens Series offers a speaker and visual alarm for warning and emergency notification. Applications include severe weather, evacuation, emergency response and many more.

The GSS speaker/strobe offers tamperproof field selectable strobe options with a strobe that can be synchronized when used in conjunction with the Gentex GTSM Control Module. The unit can be mounted in a 4" square x 2-1/8" deep back box, an extension ring is not needed. The GSS Colored Lens Series provides a 25 or 70.7 VRMS speaker with field selectable power taps of 1/8W, 1/4W, 1/2W, 1W, 2W or 4W.

Each Commander 5 GSS colored lens series includes a mounting plate incorporating the popular Super-Slide® feature that allows the installer to easily test for supervision. The product also features a locking mechanism which secures the product to the bracket without any screws showing. The Commander 5 also features the patented Checkmate® Instant Voltage Verification feature which allows the installer to check the voltage drop draw and match it to the blueprint.

The Commander 5 Colored Lens Series are ANSI/UL1638, ANSI/UL1480, CAN/ULC 526 and/or CAN/ULC 541 listed. The Amber lens models are also compliant with the rated candela per the polar dispersion requirements of ANSI/UL 1638. Therefore, the ANSI/UL 1638 polar plot is equal to the candela listed on the product, no derating was required. The GSS Colored Lens Series is warranted for three years from date of purchase.



Standard Features

- Strobe nominal voltage 24 VDC
- Tamperproof field selectable candela options
- Amber, Blue and Green Candela settings: 15, 30, 60, 75, 95, 115 candela
- Red Candela settings: 10, 15, 30, 45, 60, 75 candela
- Speaker/Strobe unit dimensions: 5.9" (14.9 cm) square x 3.4" (8.6 cm) deep
- Speaker voltage 25 or 70.7 VRMS standard, field selectable
- Field selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W, 4W
- High fidelity speaker
- Frequency range 315-5000Hz
- Super-Slide® Bracket, Ease of Supervision Testing
- Checkmate® Instant Voltage Verification
- Prewire entire system, install mounting bracket, then install speaker
- Documented lower installation and operating costs
- Mount to a standard 4" x 2-1/8" deep back box
- Input terminals 12 to 18 AWG
- Synchronize with the Gentex GTSM Control Module
- Faceplate available in red or white
- Universal wall/ceiling mount

GSS Ceiling/Wall Mount, Selectable Candela, Speaker/Strobe Colored Lens

Model	Part Number	Lens Color
GSSAPR	904-1535-002	Amber
GSSAPW	904-1536-002	Amber
GSSAAR	904-1537-002	Amber (ALERT Text)
GSSAAW	904-1538-002	Amber (ALERT Text)
GSSBPR	904-1539-002	Blue
GSSBPW	904-1540-002	Blue
GSSBAR	904-1541-002	Blue (ALERT Text)
GSSBAW	904-1542-002	Blue (ALERT Text)
GSSGPR	904-1543-002	Green
GSSGPW	904-1544-002	Green
GSSGAR	904-1545-002	Green (ALERT Text)
GSSGAW	904-1546-002	Green (ALERT Text)
GSSRPR	904-1547-002	Red
GSSRPW	904-1548-002	Red
GSSRAR	904-1549-002	Red (ALERT Text)
GSSRAW	904-1550-002	Red (ALERT Text)

GSS Strobe Current Ratings (mA) Amber, Blue, Green Lens | Red lens*

24 VDC (16 – 33 Volts)		
Candela	UL Max	24 VDC
15 10*	36 mA	30 mA
30 15*	54 mA	42 mA
60 30*	93 mA	65 mA
75 45*	112 mA	78 mA
95 60*	138 mA	98 mA
115 75*	162 mA	119 mA

Speaker dBA @ 10 ft.

Input Watts	25 Volts	70.7 Volts
1/8	75 dBA	75 dBA
1/4	78 dBA	78 dBA
1/2	80 dBA	80 dBA
1	83 dBA	83 dBA
2	86 dBA	86 dBA
4	89 dBA	89 dBA

Product Listings



- ANSI/UL 1480, ANSI/UL 1638
- CAN/ULC 526 and/or CAN/ULC 541 Listed
- CSFM: Listed

Product Compliance

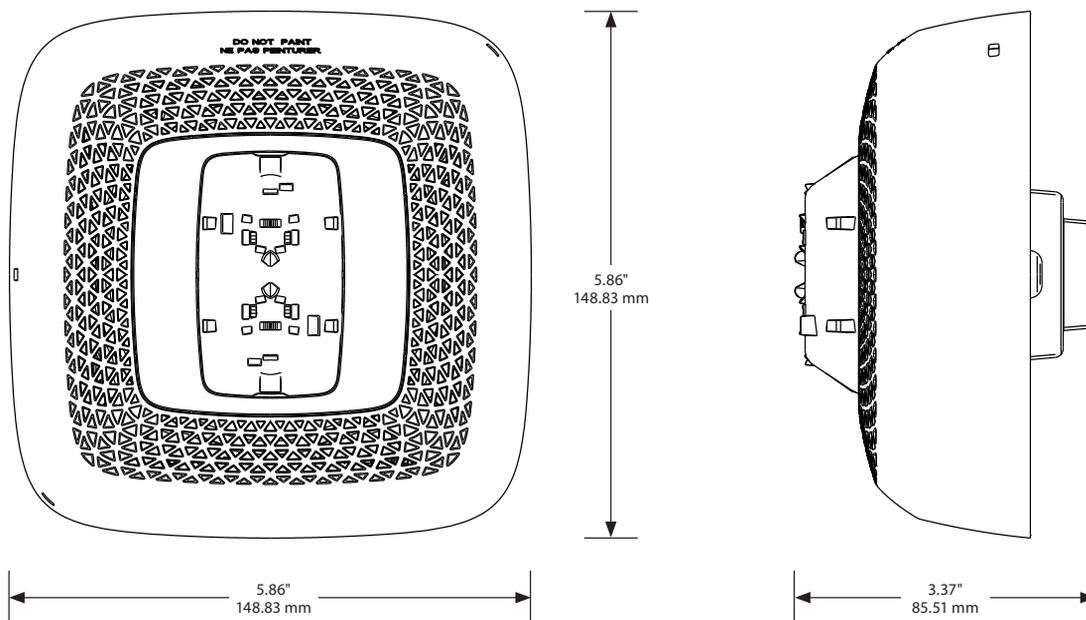
- Americans with Disabilities Act (ADA)
- NFPA 72
- IBC/IFC/IRC
- Quality Management System is certified to: ISO 9001:2015

R = Red Faceplate, W = White Faceplate.

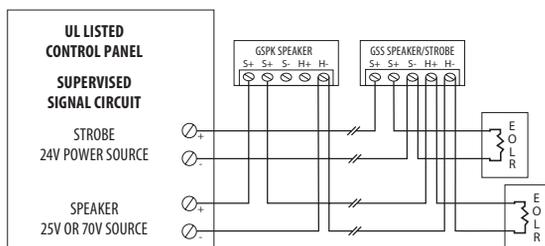
All units are available in P = plain (no lettering). Plain units are not returnable.

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Wiring Diagram



Notes

- Operating temperature: 32° to 120°F (0° to 49°C)
- For nominal and peak current across ANSI/UL regulated voltage range for filtered DC power, see installation manual
- This appliance is not recommended for use on coded or pulsing signaling circuits

* MAX. WIRE DISTANCE (IN FEET) = $\frac{\text{PANEL VOLTAGE} - \text{DEVICE MINIMUM VOLTAGE}}{\text{TOTAL CURRENT DRAW}} \times \text{WIRE CONDUCTIVITY (STROBE ONLY)}$

Architect & Engineering Specifications

The fire alarm speaker/strobe shall be Gentex GSS colored lens or approved equivalent and shall be listed by Underwriters Laboratories, Inc. (ANSI/UL) per ANSI/UL 1638, ANSI/UL 1971, ANSI/UL 1480 and with CAN/ULC S526 and/or CAN/ULC S541 Listed. The speaker shall be capable of producing alarm tones or voice on all 25 or 70.7 VRMs audio systems. The speaker shall provide incremental tap settings of 1/8, 1/4, 1/2, 1, 2 or 4 watts. Minimum dBA rating at 1/4 watt shall be 78 dBA at 70.7 volts and a minimum dBA rating at 4 watts shall be 89 dBA at 70.7 volts. Tap settings shall be adjustable with field selectable jumper pins. The speaker also has a visual signal with an operating current of 36 mA or less at 24 VDC for the 15 candela (amber, blue and green models) and 10 candela (red model) strobe circuit. The strobe appliance shall have an input voltage range of 16-33 volts either direct current power for 24 volt models. The visual signal shall have a 1 Hz flash rate regardless of input voltage. The unit shall be provided with a mounting bracket with terminals with barriers for input/output wiring and be able to mount to a 4" square x 2-1/8" deep box. The appliance shall be capable of test supervision without disconnecting wires, verify voltage without removing unit and be capable of mounting to a surface back box.

GENTEX
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