

Description

The Velocity VDOT-SSPK24WLP is a wall mount, selectable candela speaker/strobe designed to meet the code requirements for visual and voice communications. The VDOT-SSPK24WLP series are quality speaker products offering both dependable evacuation signalling and visual alarms, or a combination of both.

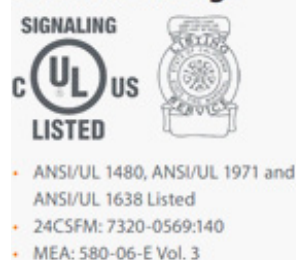
The high output tamperproof candela selections are 15, 30, 75, 95 and 110. The unit can be mounted in a 4" square x 2-1/8" back box, an extension ring is not needed. The VDOT-SSPK24WLP provides a 25 or 70.7 VRMS speaker with field selectable power taps of 1/8W, 1/4W, 1/2W, 1W, 2W or 4W. The VDOT-SSPK24WLP devices are listed to ANSI/UL 1480, the selectable candela strobe is listed to ANSI/UL 1971. The units are also listed to CAN/ULC S526 and/or CAN/ULC S541.



Features

- Speaker/strobe nominal voltage 24 VDC
- 24VDC field selectable candelas: 15, 30, 60, 75 & 110
- Unit dimensions: 6.1" (15.50cm) square x 3.89" (9.88cm) deep
- Speaker voltage 25 or 70.7 Vrms standard, field selectable
- Field Selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W or 4W
- High quality dBA output (intelligible)
- Frequency range 400-4000 Hz
- Screw terminals, separate in/out wiring (12-18 gauge)
- Mount to a standard 4" x 2-1/8" deep back box
- Tamperproof grill
- Faceplate available in red or off-white
- Wall mount only

Product Listings



SSPK24WLP Strobe Current Ratings (mA)

24 VDC (16 - 33 Volts)		
Candela	24 VDC	UL Max
15	55 mA	78 mA
30	63 mA	96 mA
60	88 mA	137 mA
75	112 mA	180 mA
110	136 mA	224 mA

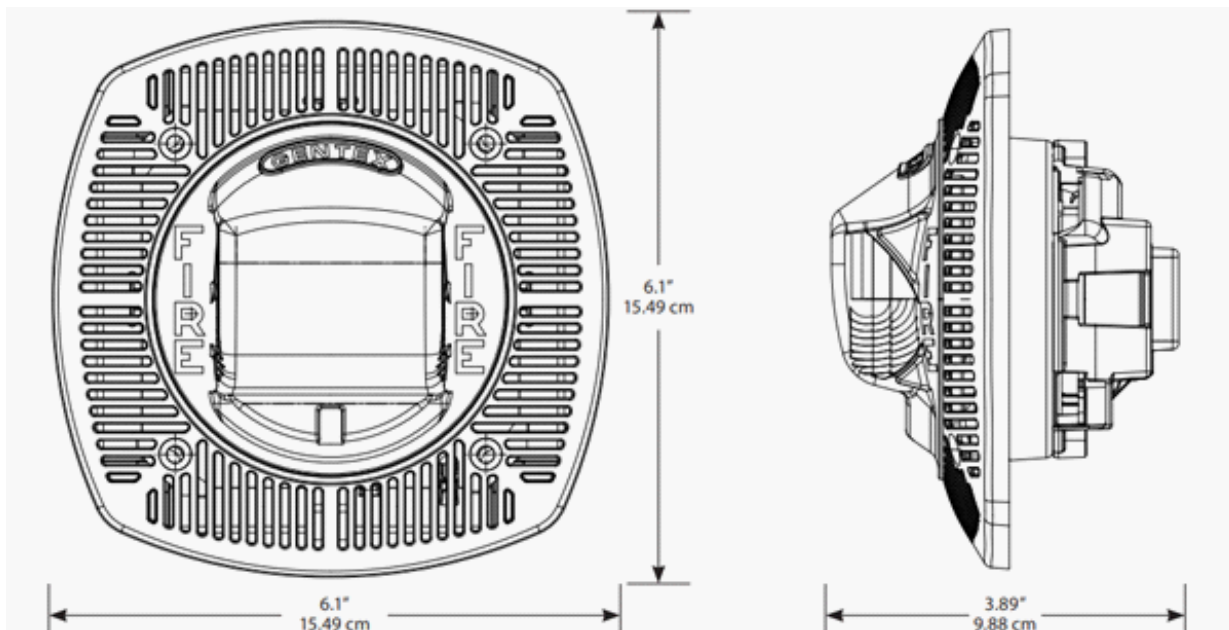
Speaker dBA @ 10ft.

Input Watts	25 Volts	70.7 Volts
1/8	74.6 dBA	73.7 dBA
1/4	77.7 dBA	76.7 dBA
1/2	80.5 dBA	79.6 dBA
1	83.1 dBA	82.5 dBA
2	85.6 dBA	85.4 dBA
4	87.9 dBA	87.9 dBA

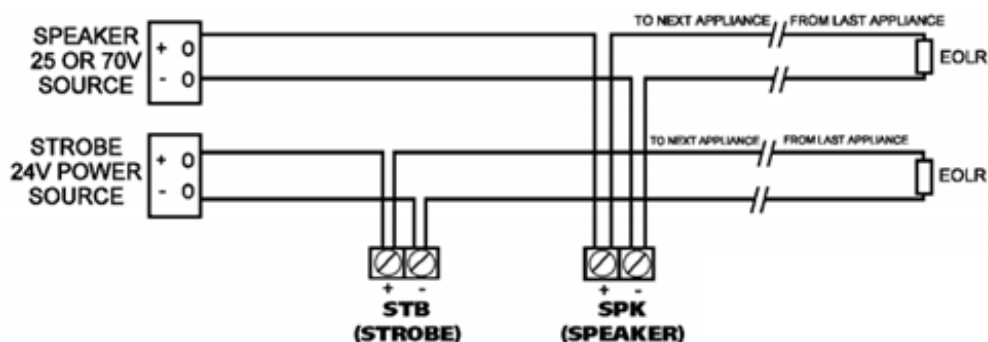
Ordering Information

VDOT-SSPK24WLPR	Speaker / Strobe, 25 or 70.70 VRMS, Wall mount, FIRE Text, Red
VDOT-SSPK24WLPW	Speaker / Strobe, 25 or 70.70 VRMS, Wall mount, FIRE Text, White

■ Dimensions



■ Wiring Diagram



Wire conductivity

18AWG	60
16AWG	95
14AWG	153
12AWG	244

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

■ Notes

- Operating temperature: 32°F to 120°F (0°C to 49°C)
- The VDOT-SSPK24WLPR & VDOT-SSPK24WLPW are not listed for outdoor use
- For nominal and peak current across ANSI/UL regulated voltage range for filtered DC power and unfiltered (FWR[Full Wave Rectified]) power, see instruction manual
- This appliance is not recommended for use on coded or pulsing signalling circuits

All specifications are subject to change without any notice.
For more information, contact with VELOCITY.



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