

# n.FORM™ – Emerald

## PRODUCT SHEET & SPECIFICATIONS

# SPECTRA TANGENT® SPEAKER (MODEL G955/G680)



### FUNCTION

When a direct fired speaker or system is required due to site conditions or application need, the Emerald Spectra Tangent® offers a commercial grade direct fired speaker using higher quality construction and sound quality than competitive systems.

Installation is simplified using plug and play Cat 5e cable with standard RJ45 connections. The Emerald Spectra Tangent® speaker is equipped with torsion springs to ensure a smooth installation in ceiling tile or gypsum board.

### – WIRE REQUIREMENTS

- + All wire must be plenum rated and UL listed
- + Speakers use Cat 5e or equivalent, 4 twisted pair and RJ45 connectors, 568B wiring

### – INSTALLATION

- + Assembly to fit into a round hole, cut into ceiling tile or gypsum. Two torsion springs spaced equidistant apart for secure mounting.
- + Securing the speaker to the deck or using a tile bridge is dependant on local codes and is the responsibility of the installer to determine any additional fastening that needs to take place.

**Emerald Spectra Tangent® offers wider sound dispersion, better sound uniformity and greater sound quality.**

*\* Picture above shows aluminum housing\**

### – TILE BRIDGE

- + The Tile Bridge is a load-bearing T-bar support designed to sustain the weight of an 7 1/8" or 4 1/2" speaker, grille and protection enclosure in suspended ceiling construction. Use of the Tile Bridge improves environmental safety and eliminates unsightly sag in 2'-by-2' and 2'-by-4' acoustic ceiling tiles.

### – SPEAKER ENCLOSURE

- + G680- Aluminum Housing
- + G955- Plastic Housing
- + Grill: Metal screen, white with perforated 4" grill

### – SPEAKER COVERAGE

- + 100 sq. ft. (nominal 10' speaker separation)

### – LOUDSPEAKER

- + Power Rating – 10 watts
- + Frequency Response – 90-18 kHz
- + SPL for Masking Output: 90 dB
- + Impedance – 32 Ohms
- + Speaker Weight – 1.1 lbs
- + Overall Speaker Dimension – 5.3"
- + Depth – 5"
- + Diameter (outside plate) – 5 1/4"
- + Diameter (can) – 3 7/8"