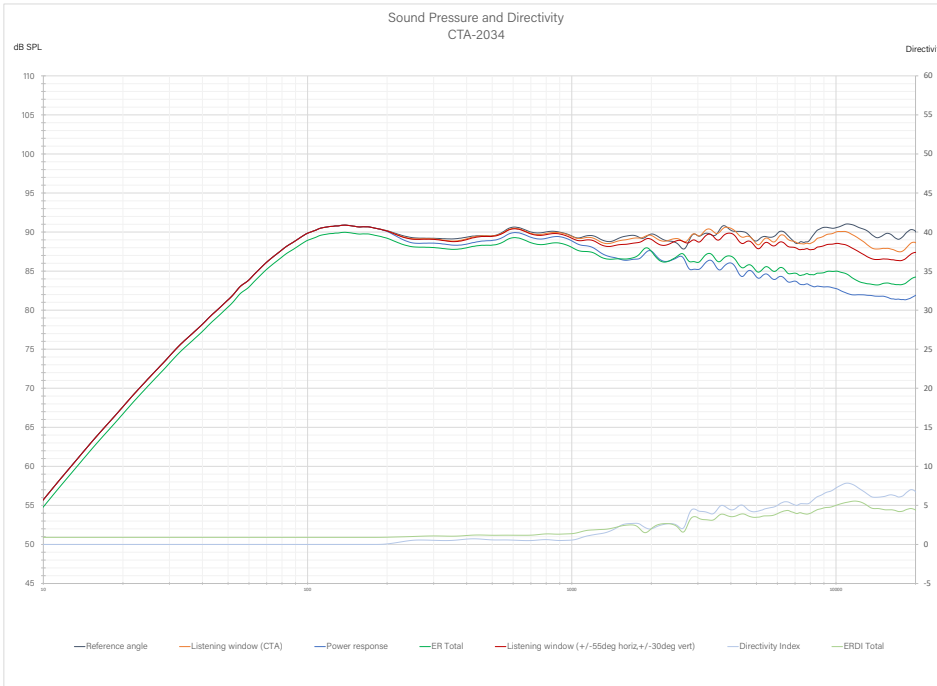
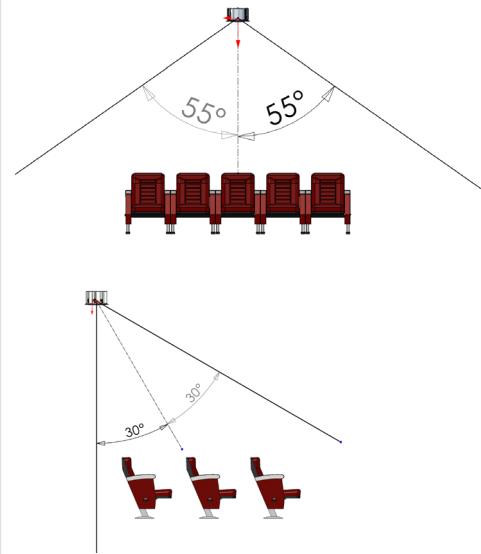


MODEL S3ic IN-CEILING: The perfect solution for high end Dolby Atmos, DTS:X, and Auro-3D applications. Featuring an innovative new waveguide array controlling Mid/High frequencies, centered by our finest 28mm Beryllium dome tweeter and 28mm TPCD ultra-lightweight dome mid. Optimized for in-ceiling applications where a 30 degree reference axis is desired as well as larger a listening window in the direction towards the listening space. Extremely versatile - Can be used as L,C,R, surround, height, or wide channel speaker. Once again, All transducers are developed ground up by our engineers sharing largely from with S-Series, formed from decades of research, culminating in this world class design. Utilizing advanced Comsol acoustical modeling, the result is one of the most technologically advanced in-ceiling loudspeakers available. This new tweeter/waveguide DPC-Array delivers amazing accuracy, smoothness, and directivity control to handle the critical vocal range and delicate treble. The S3ic also benefits from our unique and proprietary timbre matching technique across the entire S-Series.



INTELLIGENT COVERAGE ANGLE
Next generation Directivity Pattern Control Reference axis at 30degrees with a broader listening window of +/-30V and +/-55H degrees allows ideal coverage for most listening spaces



Preliminary Technical Specifications:

Enclosure Alignment	3-way acoustic suspension
Driver compliment	DPC Array: 28mm Beryllium tweeter 28mm Textreme TPCD mid Woofers: 165mm Alum frame, Textreme TPCD
Sensitivity	89.7dB / 2.83v / 1.0m
Impedance	4 Ω nominal / 3.2 Ω min
Coverage Window (from 30deg Ref)	Horizontal: +/-55 deg Vertical: +/-30 deg
Response Linearity	100 - 20kHz +/-1.5dB window
Frequency Response	57 - 30kHz (-6dB) 43 - 33kHz (-10dB)
Typical In Room bass extension	48Hz (-6dB) 31Hz (-10dB)
Overall Dimensions (with grille)	343.3 diam x 194.8mm depth 13.5" diam x 7.7" depth
Recommended cutout	305mm diameter 12" diameter
Weight	20.4lbs. (9.4kg) 11.8lbs. (5.4kg) without enclosure
Recommended Amplifier Power	50 - 250W (with 80Hz HPF) 50 - 150W (full range)
SPL capability @1m (100-20kHz)	113.7dB peak 111.0dB peak <3% 2nd, 3rd Harmonics
Certification	THX Dominus, THX Ultra

Newly developed waveguide array
* Patent Pending



TPCD - Thin Ply Carbon Diaphragms

