



**BOSCH**



**Electro-Voice**

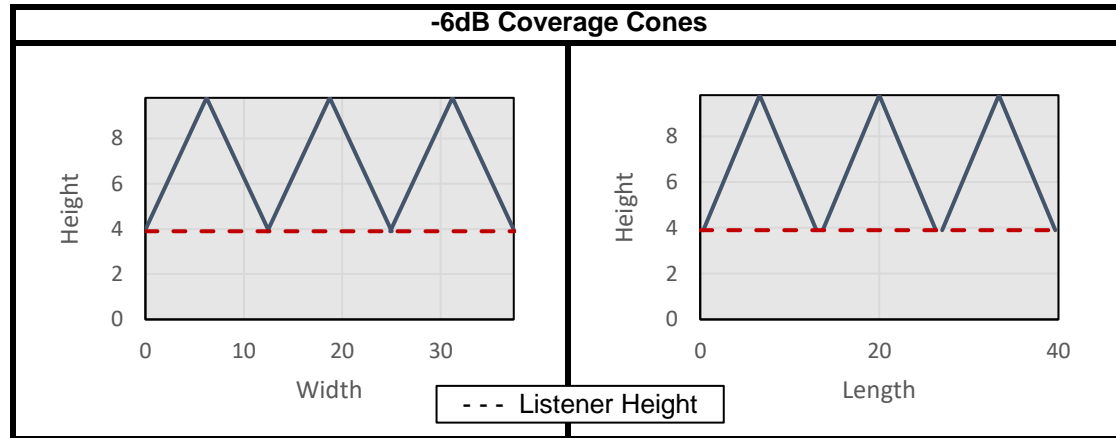
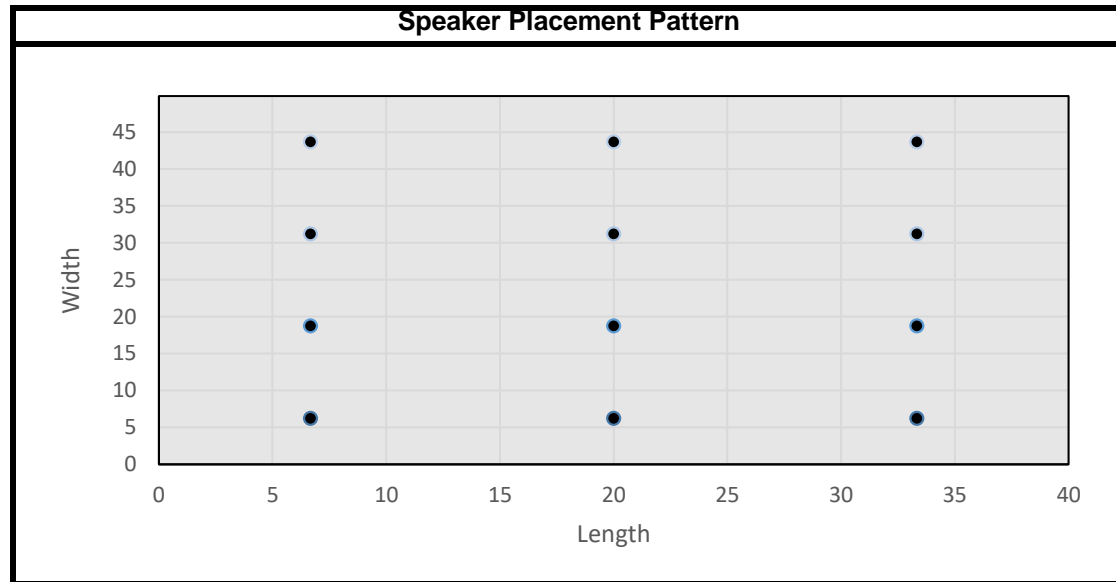
**BOSCH / Electro-Voice Ceiling & Pendant Speaker Calculator**

Language	English
Ver. 5.0	

Loudspeaker Selection	
Speaker Model	EV EVID-C6.2-G2
Sensitivity	90 dB
Coverage (-6dB)	110 °
Tap Wattage Setting	1.88 W
- Recommended	

Room Data	
Units	Feet
Width	49.9 ft
Length	40 ft
Ceiling Height	9.8 ft
Installation Height	9.8 ft
Listener Height	3.9 ft
Use / Application	None
- Noise dB	

Configuration	
Pattern	Square
Density	Medium (good coverage)
Density Adjustment	
- Width (-3 to +3)	0
- Length (-3 to +3)	0



Speakers	
Coverage Angle (nominal)	110 °
Sensitivity (1w/1m)	90 dB
Total Number of Speakers	12 pc
Number of Speakers - Width	4 pc
Number of Speakers - Length	3 pc

Speaker Placement	
Distance from wall to first speaker (width)	6.2 ft
Distance between speakers (width)	12.5 ft
Distance from wall to first speaker (length)	6.7 ft
Distance between speakers (length)	13.3 ft
Overlap between 6dB cones (width)	0.1 ft
Overlap between 6db cones (length)	-0.7 ft

Room Installation Information (Estimations)	
SPL variation in room	-3.1 dB
Average SPL in room (at rated power)	90.5 dB
Base cabling length needed (wire pair)	209.9 ft
Total base power requirements	29 W

\* No factor for cable loss included in power estimate

Minimum Wire Size Guide		
Wire Gauge	Maximum Rated Power	
	@70 Volts	@100 Volts
18	210	300
16	420	600
14	1050	1500
12	1400	2000