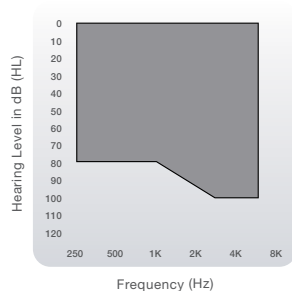


IIC

INVISIBLE-IN-THE-CANAL

110 / 11 / 9 / 7

FITTING GUIDE



SoundLens IIC fitting range.

COLOR GUIDE



111/35

111/40

Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	111	120	111	120
HFA OSPL90 (dB SPL)	106	N/A	104	N/A
RTF OSPL90 (dB SPL)	N/A	114	N/A	111
Peak Gain (dB)	35	45	40	50
HFA Full-On Gain (dB)	31	N/A	36	N/A
RTF Full-On Gain (dB)	N/A	38	N/A	44

Frequency Range (Hz)	100-7600	100-7700	100-7700	100-7700
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	29	31	27	36

Harmonic Distortion

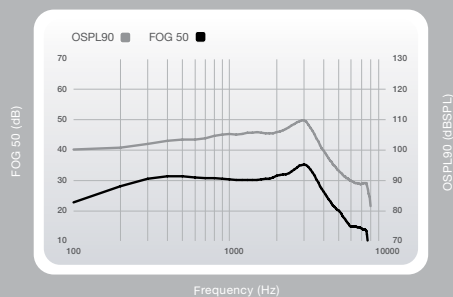
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
ANSI/IEC Battery Current (mA)	1.1	1.1	1.2	1.2
Idle Current (mA)	1.0	1.0	1.0	1.0

Estimated Battery Life
for 16-Hour Day

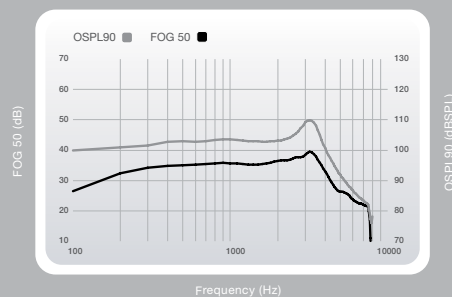
10 Zinc Air (days)	5-7	5-7	5-7	5-7
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▶ Matrices 111/35, 111/40

▶ Battery Size 10



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens IIC at a matrix of 111/35.



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens IIC at a matrix of 111/40.

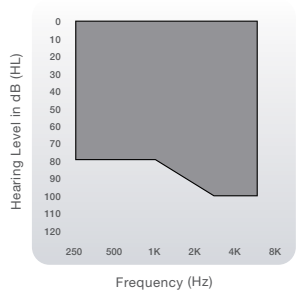
IIC

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110 / 11 / 9 / 7

115/50

FITTING GUIDE



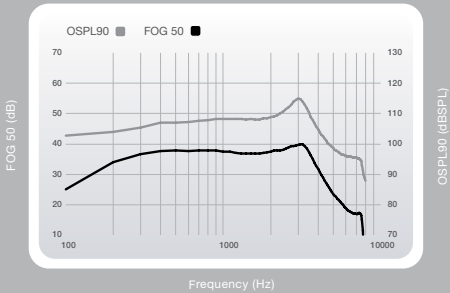
SoundLens IIC fitting range.

COLOR GUIDE



Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	115	125
HFA OSPL90 (dB SPL)	109	N/A
RTF OSPL90 (dB SPL)	N/A	116
Peak Gain (dB)	50	60
HFA Full-On Gain (dB)	48	N/A
RTF Full-On Gain (dB)	N/A	55
Frequency Range (Hz)	100-6400	100-7700
Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	32	41
Harmonic Distortion		
500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3
ANSI/IEC Battery Current (mA)	1.2	1.2
Idle Current (mA)	1.0	1.0
Estimated Battery Life for 16-Hour Day		
10 Zinc Air (days)	5-7	5-7

- ▶ Matrix 115/50
- ▶ Battery Size 10



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens IIC at a matrix of 111/50.