

Product Overview

The KEF Ci50R Soundlight is a discrete application flush mount speaker designed to simulate the appearance of conventional 2 inch low voltage lighting systems. The speaker driver is only 50mm in diameter yet powerful enough to fill spaces with superbly balanced sound and clear vocals. The Ci50R is available with white, chrome, brass or brushed steel bezels to match most common low voltage lighting systems and installs quickly with the use of self-tensioning brackets. Engineered to be discrete, the Ci50R leverages KEF's acoustic expertise to deliver an audio experience suitable for high quality background music and voice announcements in common multi-room systems, lounges, retail stores, and boardrooms.

Key Features

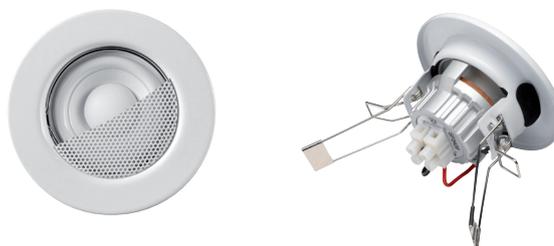
Discrete Appearance – At a total diameter of just 80mm, including the trim ring, the KEF Ci50R blends seamlessly with traditional 2 inch low voltage lighting systems delivering the least obtrusive premium audio solution possible.

Multiple Bezel Options – The KEF Ci50R is available with white, chrome, brass, or brushed steel bezels to match most common types of interior lighting systems.

Rapid Mount System – Self tensioning tabs make installing the KEF Ci50R a breeze. Simply drill the opening, connect the wiring, and slide-in the assembly.

UV Protective Finish – Manufactured using a UV protective coating the KEF Ci50R is designed to resist fading even when mounted in environments with direct sunlight.

IP64 Certification – The speaker passed official IEC testing to ensure that splashing water would have no harmful effects on assembly components.



Architect and Engineer Specifications

The speaker shall be designed to simulate the appearance of conventional flush mount 2 inch low voltage lighting systems.

The speaker shall utilise a single 50mm full range driver and include a trim ring with an outer diameter of no more than 80mm. The trim ring shall be available in white, chrome, brass, and brushed stainless to match the appearance of common lighting systems. The speaker shall also feature a self-tensioning quick mounting system allowing for quick and secure installation. The speaker shall deliver a minimum frequency response of 125Hz – 20kHz +/- 6db and weigh no more than 0.13kg.

The nominal impedance of the speaker shall be 6 ohms and it must achieve a minimum pressure sensitivity of 82dB SPL at one meter on-axis with an input of 2.83 volts. The speaker shall meet numerous safety and performance standards listed by regulatory bodies around the world.

The speaker shall be the KEF Ci50R.

Specifications

Model	Ci50R	
Series	C Series / Soundlight	
Nominal impedance	6Ω	
Sensitivity (2.83V/1m)	82dB	
Frequency response (±6dB) open-backed	125Hz - 20kHz	
Nominal coverage	165°	
Max SPL	94dB	
Drive unit	50mm (2.0in.)	
Recommended amplifier power	10-30W	
Recommended high-pass filter	80Hz	
Product external dimensions	Diameter Ø	80.0mm (3.15in.)
	Depth	94.5mm (3.72in.)
Cut-out dimensions Diameter Ø	65.0mm (2.56in.)	
Mounting depth from surface	50.0mm (1.97in.)	
Product external dimensions (with back can)	Diameter Ø	80.0mm (3.15in.)
	Depth	54.5mm (2.15in.)
Cut-out dimensions (with back can) Diameter Ø	70.0mm (2.76in.)	
Mounting depth from surface (with back can)	60.0mm (3.54in.)	
Net Weight	0.135kg (0.31lbs)	
Optional rough in frame	-	
Optional rear enclosure	CI50CAN	
Ideal rear volume	3L	
Minimum rear volume	0.5L	

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KEF reserves the right, in line with continuing research and development, to amend or change specifications. E&OE.

The Ci speakers that utilise THX in the model name have undergone and passed certified THX approval.

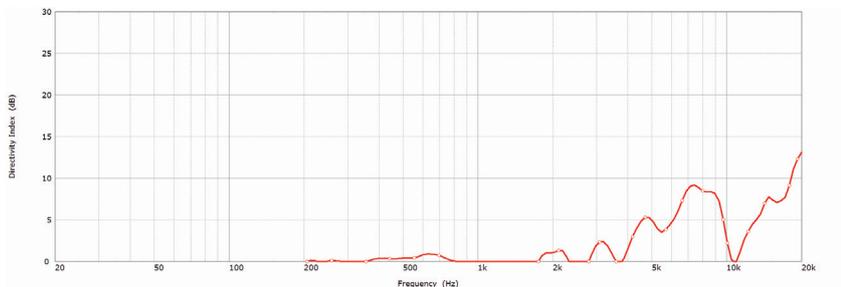
Ci50R

Architectural Speaker

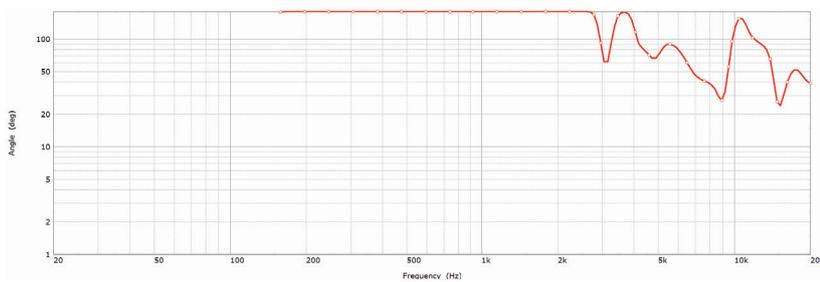


OBSSESSED WITH HIGH RESOLUTION

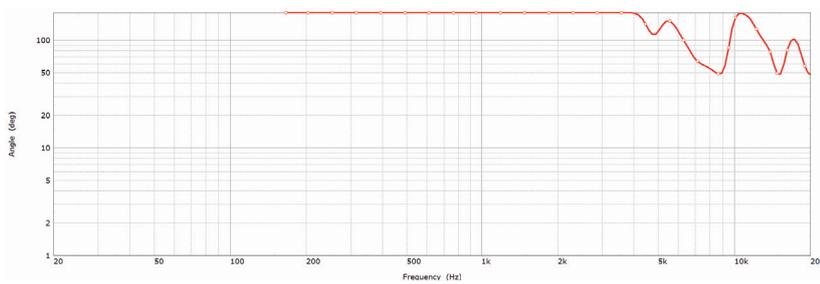
Directivity Index



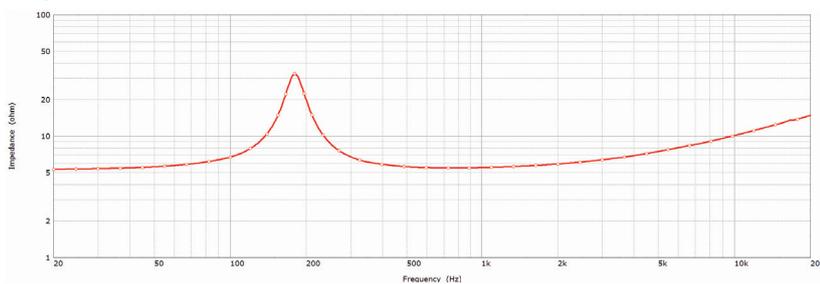
Beamwidth -3dB



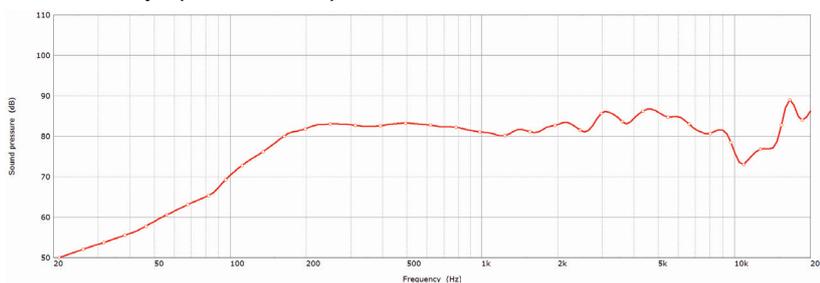
Beamwidth -6dB



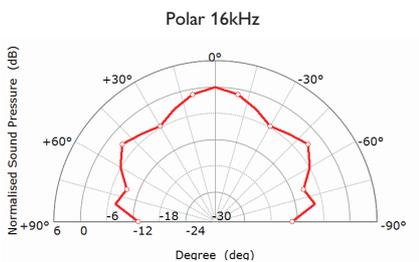
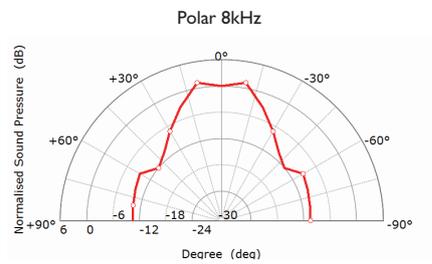
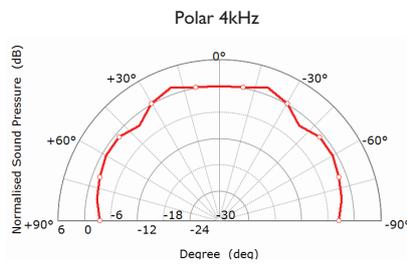
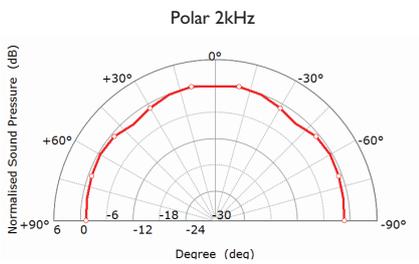
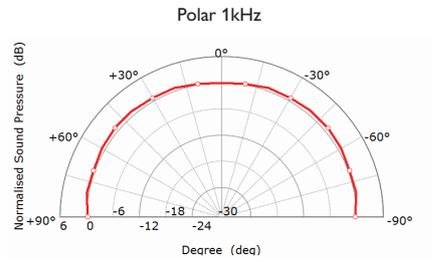
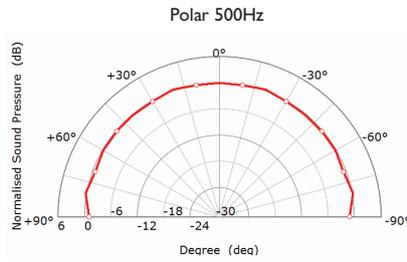
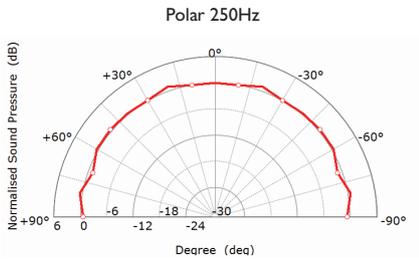
Impedance



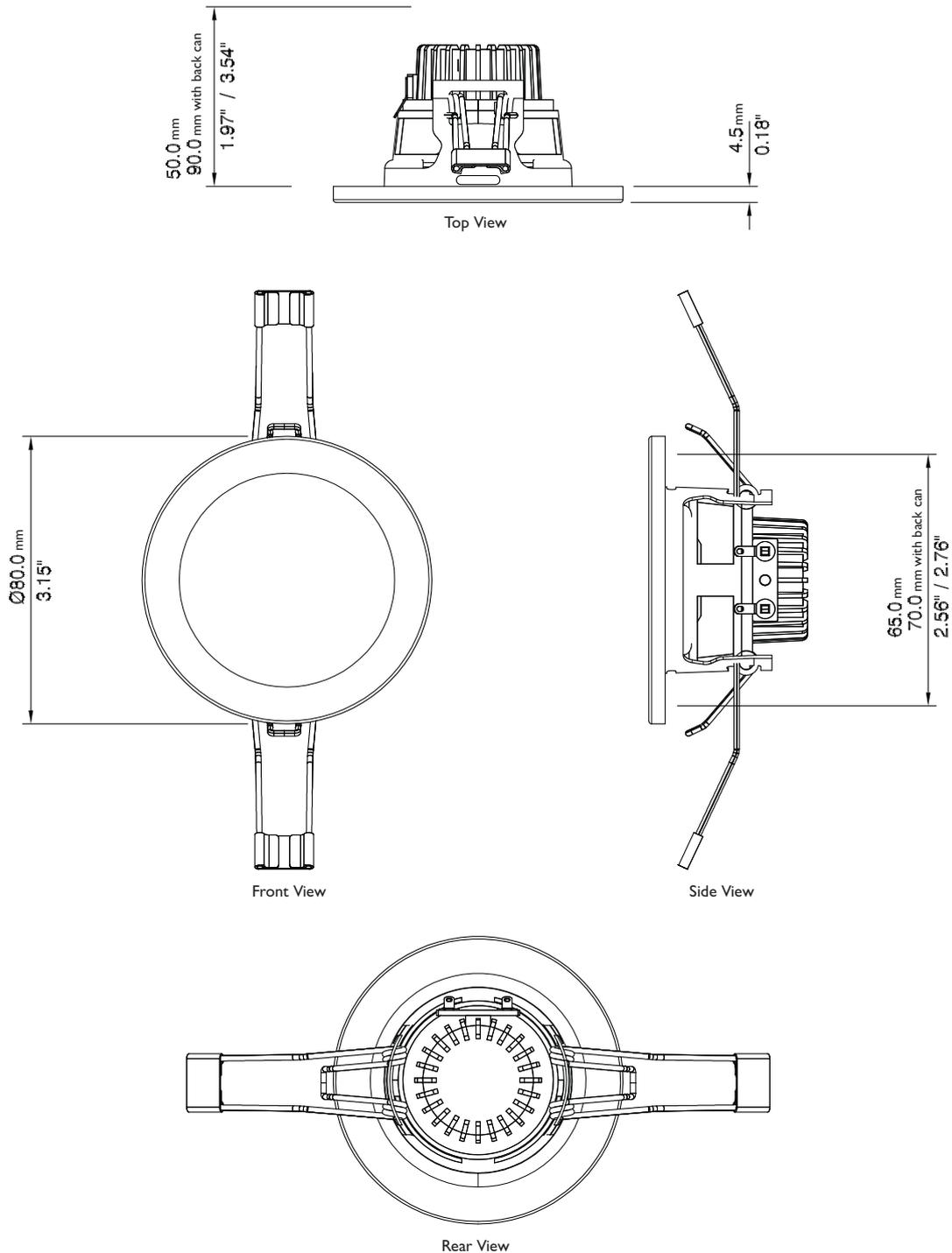
Sensitivity (2.83V/1m)



Polar Responses



Mechanical Diagrams



Dimensions in mm (inches)

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