

HS 1026

SPOTLIGHT CEILING SPEAKER



DESCRIPTION

The HS 1026 is a ceiling speaker featuring compact design that can be flush-mounted in false ceilings or panels.

The HS 1026 incorporates a 90 mm (3.5") extended range loudspeaker and it is equipped with a line transformer that enables direct connection to constant voltage systems at 70 V or 100 V, a low impedance input (8 Ohm) is available as well. When connected to a 100 V line, its power can be selected among the values 6 W or 3 W through the selection inputs wire.

Installation is quick and easy thanks to the two clips that avoids the need for using screws or other attachment elements.

MAIN APPLICATIONS

- High intelligibility Speech and Background music
- Schools
- Shopping malls
- Hospital
- Museums
- Hotels
- Office building

MAIN FEATURES

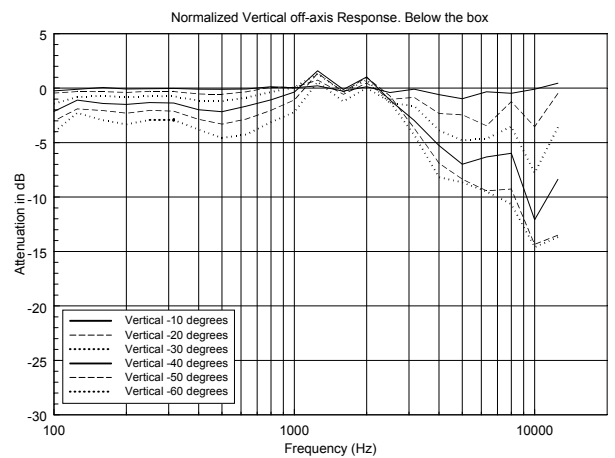
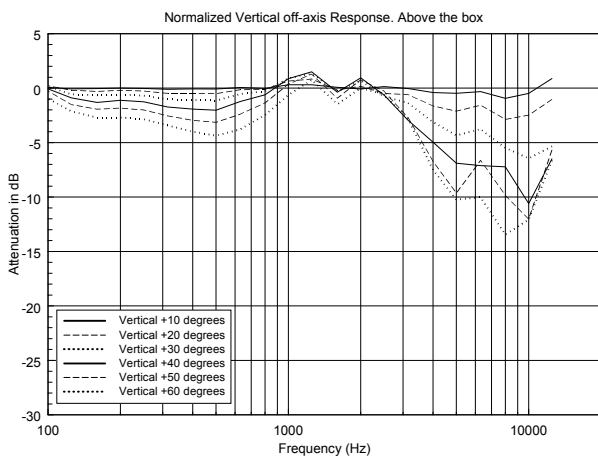
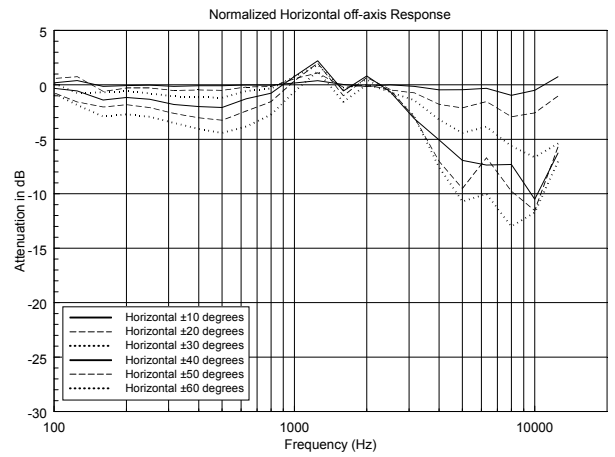
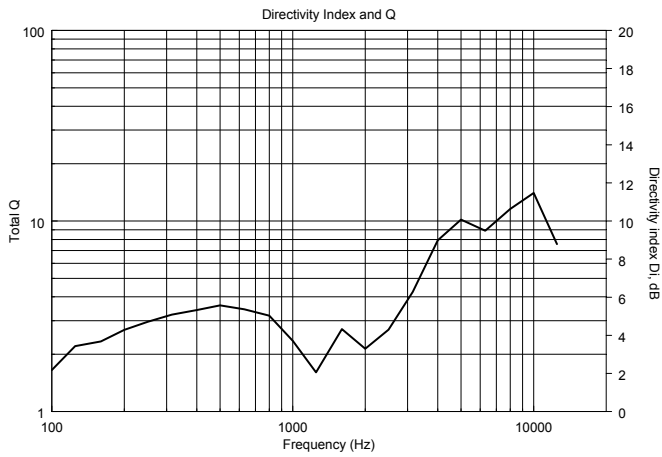
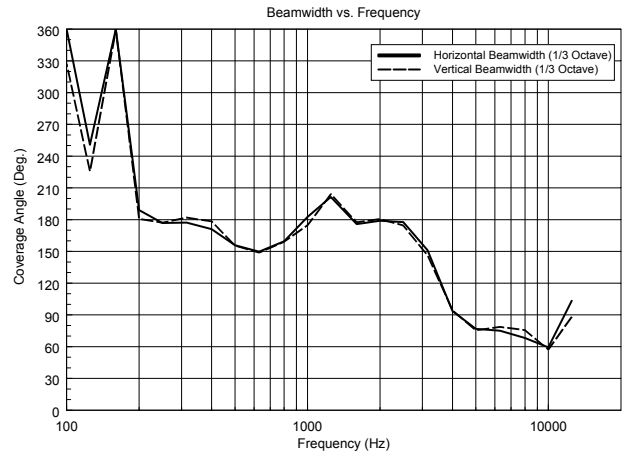
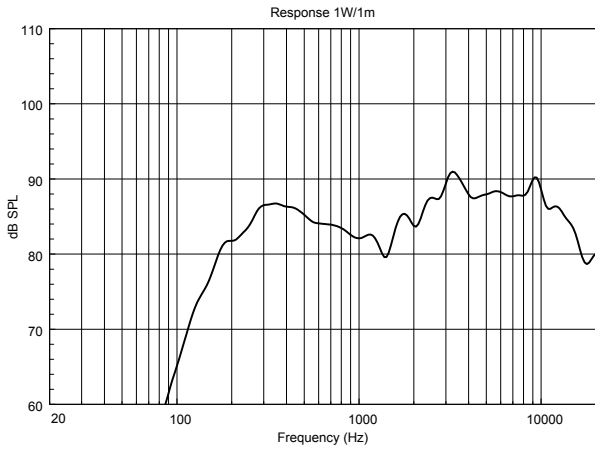
- 3.5" Dual-Cone wide-band speaker
- 6 / 12 Watt (RMS/Music Power)
- 220 Hz ÷ 17 kHz
- 102 dB (1 m / POWER MAX) max. SPL
- Incl. 100V transformer multitap
- Easy to install
- Simple power settings

SPECIFICATIONS

Loudspeaker	2.5" wide band transducer
Power (on 8 Ohm load)	12 / 24 W (RMS / Music power)
Power	20 W - 10 W - 5 W – 2.5 W (100V)
Sensitivity	93 dB (1 W / 1 m)
Mx. SPL (6 W / 1 m)	109 dB(A) (1 m / POWER MAX)
Frequency Response	220 Hz – 17 kHz
Angle of coverage	180° / 170° / 90° @ 1 / 2 / 4 kHz (hor.)
Connector	2 pin terminal strip
Body colour	White, Gold, Chrome
Main body material	Plastic
Grill material	Steel
Dimensions	Ø 104 mm x 91 mm
Flush-mounting hole	Ø 92 mm
Min ceiling thickness	25 mm
Net weight	0.55 kg
Operating temperature	-25° to +55°
Relative humidity	90% non condensing

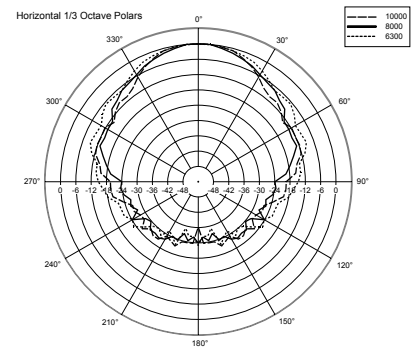
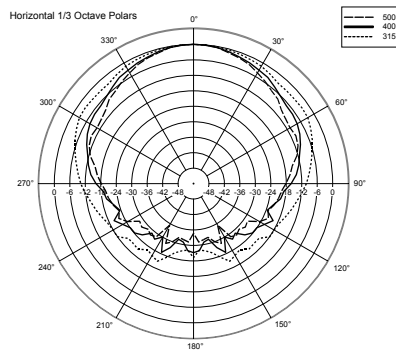
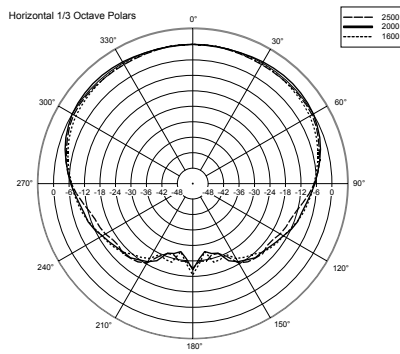
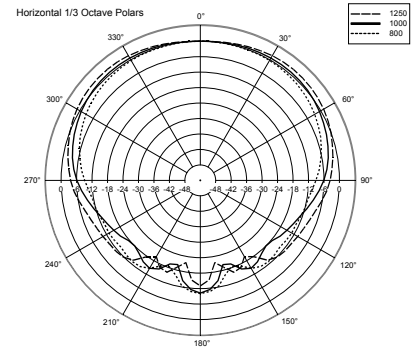
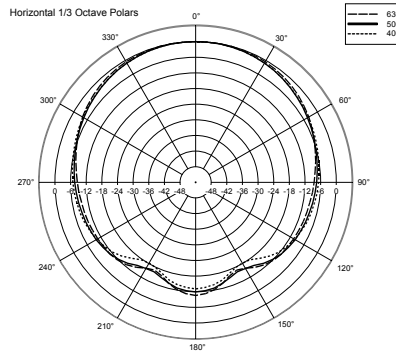
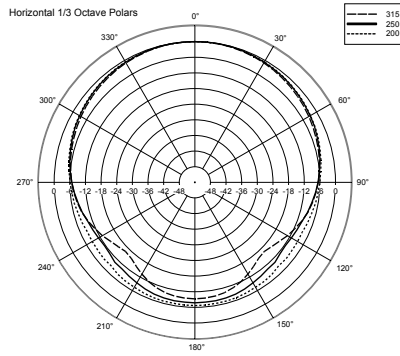


HS 1026

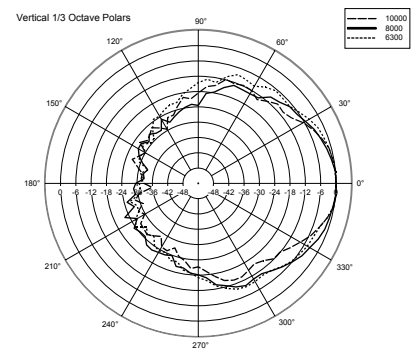
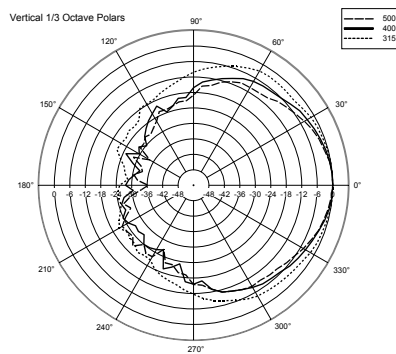
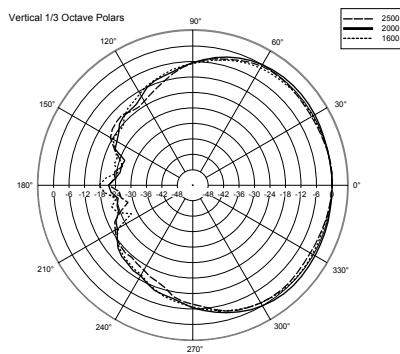
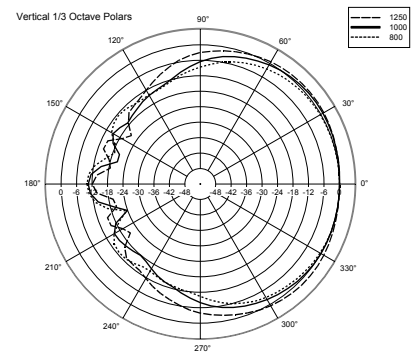
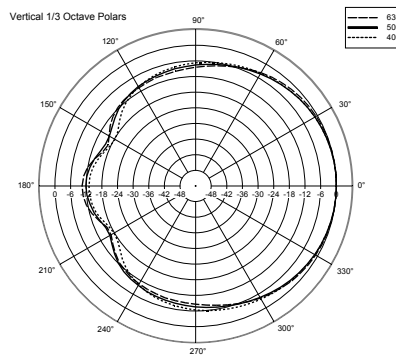
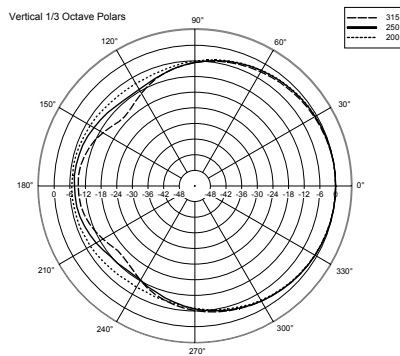


HS 1026

HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT

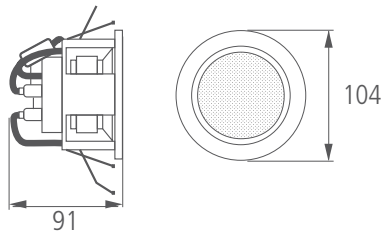


HS 1026

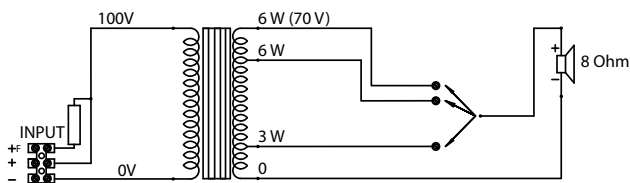
PART NUMBERS

13110062 - HS 1026W Withe
13110064 - HS 1026G Gold
13110063 - HS 1026C Chrome

DIMENSIONS (All data are in mm)



SCHEMATICS



INSTALLATION NOTES

Simply and quickly installed, rotate the two attachment clips toward the rear part of the speaker and insert them into a hole in the ceiling cavity. The electrical connections are clearly labelled and made through screw terminals block.

The power can be easily selected by using common wire and the positive wire using the legend of the power available on the speaker. Before the installation, verify that behind the false-ceiling there is enough room for loudspeakers: with respect to the loudspeaker front flange surface plane, an empty space at least 95 mm depth is required. The HS 1026 is intended for indoor installations only.

RCF products are continually improved. All specifications are therefore subject to change without notice.

POWER SELECTION

Define the colour cable to selected the chosen power value referring to the 100 V line (among 3 W – 6 W) so the correspondence impedance (among 3333 Ω – 1666 Ω)

0	100V	70V	6W	3W	1.5W
INPUT		100V	/	6W	3W

CERTIFICATIONS AND APPROVALS

- CE comply with European Community Directive 73/23/EEC and 93/768/EEC
- Environmental protection IP 40 homologation
- Self-Extinguishing plastic according to UL 94V0
- Speaker data according to IEC 268-5
- Safety according to IEC EN 60065:2002

ACCESSORIES (included)

- Connection Terminal
- Steel Grill



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