Honeywell
THE POWER OF CONNECTED | Audiovisuals

L-VCM6B/EN (C)
L-VCM6B/EN
5” Ceiling Loudspeaker

- Excellent sound reproduction
- Fire resistant cover with fire dome
- EN54-24 certified
- AS ISO 7240-24 Certified Type A Speaker
- Available with or without capacitor(part number without “C”)



L-VCM6B/EN (C) Voice Alarm ceiling loudspeaker is designed for flush in suspended ceiling and ideal for even sound distribution. The loudspeaker has a built-in protection to ensure that, in the event of a fire, damage to the loudspeaker does not result in failure of the loudspeaker circuit which is connected. In this way, system integrity is maintained and ensuring loudspeakers connected in the same circuit in other areas can still be used to inform people of the situation. The loudspeaker can be easily installed by using the mounting spring attached. Likewise, the fire dome is mounted in the speaker openings on the ceiling panel by using the sliding brackets and the wing nuts as first-fix. L-VCM6B/EN(C) is equipped with ceramic terminal blocks, thermal fuse and heat-resistant, high-temperature wiring to comply with EN54-24 and AS ISO 7240-24.

Technical Specifications

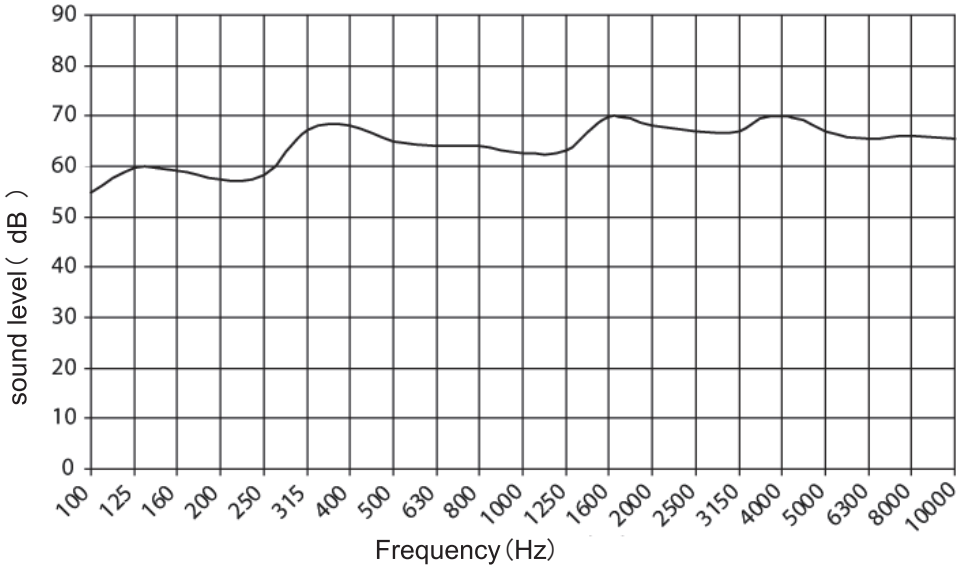
Model	L-VCM6A/EN (C) L-VCM6A/EN
Max power	9 W
Rated power	6 W
Power taps @ 100V	6 W / 3 W / 1.5 W / 0.75 W
Power taps @ 70V	3 W / 1.5 W / 0.75 W / 0.375 W
SPL at 6W/1W (100 Hz-10 KHz,1m)	100dB / 91dB
SPL at 6W/1W (100 Hz-10 KHz,4m)	88dB / 79dB
Frequency range (-10dB)	180 Hz - 20 KHz
Dispersion angle(1KHz / -6dB)	175°
Rated input voltage	100 V / 70 V
Rated impedance	1.7kΩ / 3.3k Ω / 6.7kΩ / 13kΩ
Connection	Ceramic Terminal
Dimensions	Φ 181 mm × 129 mm
Hole cut-out size	Φ 155 mm
Diameter of speaker	5"
Weight	1.29 kg
Front grill color	White (RAL9003)
Dome color	Red (RAL3000)
Thermal Fuse	150°C
DC Blocking capacitor	Yes (2.2uF) L-VCM6B/EN(C) No L-VCM6B/EN

Honeywell Home and Building Technologies
Greater China Building Business

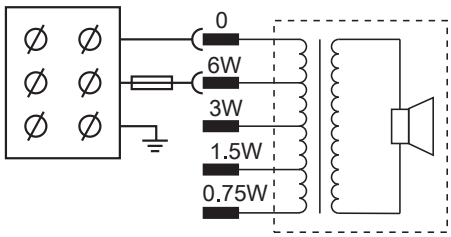
HBT-G.C.-HAV-LS-L-VCM6B-EN(C)-EN2.3-Mar.2017-EN01
©2017 Honeywell International Inc.

Honeywell
THE POWER OF CONNECTED

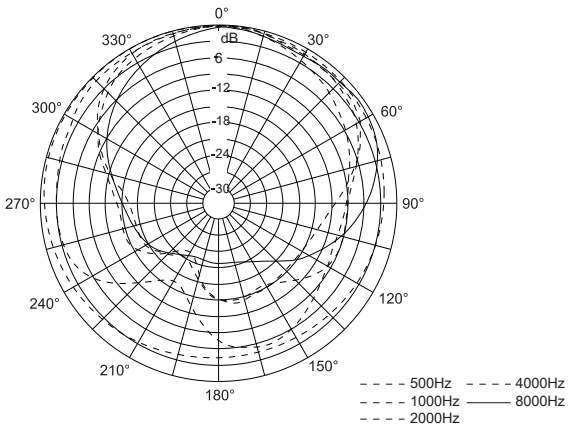
FREQUENCY RESPONSE AT dBspl(20uPa)@4m, 1W/41.2V INPUT,1/3 OCT SMOOTHING



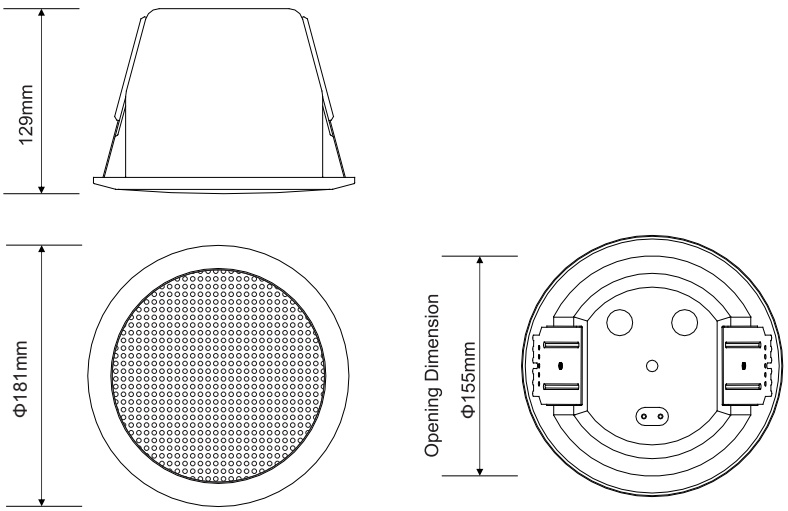
CIRCUIT DIAGRAM



POLAR DIAGRAM



THREE-VIEW DIAGRAM



Honeywell Home and Building Technologies
Greater China Building Business

HBT-G.C.-HAV-LS-L-VCM6B-EN(C)-EN2.3-Mar.2017-EN01
©2017 Honeywell International Inc.

Honeywell
THE POWER OF CONNECTED