

The F-2852CEN Q is certified according to the European EN 54-24:2008, DoP number is 20-001

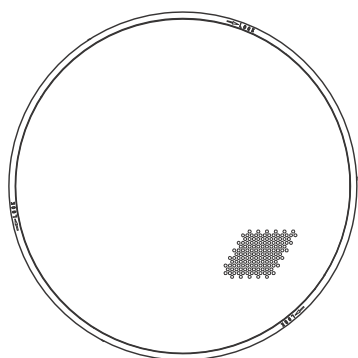
DESCRIPTION

The F-2852CEN Q ceiling-mounted speaker covers an extremely wide area and can be used for 25, 70 and 100V line application. Well-balanced sound can be heard uniformly at any location.

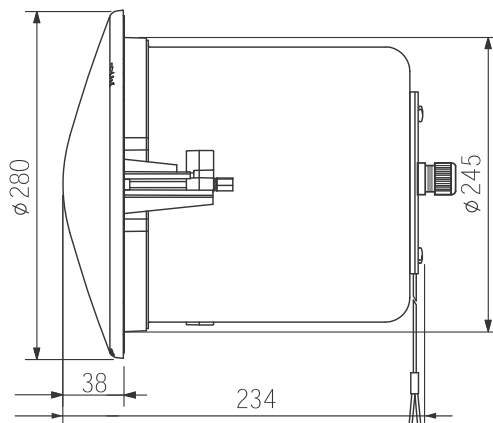
SPECIFICATIONS

Enclosure	Bass reflex type
Rated Input	60 W (High Impedance)
Rated Impedance	100 V Line : 170 Ω (60 W), 330 Ω (30 W), 670 Ω (15 W), 3.3 k Ω (3 W) 70 V Line : 83 Ω (60 W), 170 Ω (30 W), 330 Ω (15 W), 670 Ω (7.5 W), 3.3 k Ω (1.5 W) 25 V Line : 83 Ω (7.5 W), 170 Ω (3.7 W), 330 Ω (1.9 W), 670 Ω (0.9 W), 3.3 k Ω (0.2 W) 8 Ω
Sensitivity	91 dB (1 W, 1 m) (500 Hz – 5 kHz, pink noise) 91 dB (1 W, 1 m) (100 Hz – 10 kHz, pink noise) 79 dB (1 W, 4 m) (100 Hz – 10 kHz, pink noise)
Maximum Sound Pressure Level	107 dB (1 W, 1 m) (100 Hz – 10 kHz, pink noise) 95 dB (1 W, 4 m) (100 Hz – 10 kHz, pink noise)
Frequency Response	60 Hz – 20 kHz (–10 dB) 45 Hz – 20 kHz (–20 dB)
Coverage Angle (–6 dB)	Horizontal and Vertical : 218° (500 Hz), 158° (1 kHz), 142° (2 kHz), 134° (4 kHz) according to EN 54-24
Dust/Water Protection	IP21C
Speaker Component	High frequency: Dome-type, Low frequency 16 cm (6.3") cone-type
Operating Temperature	–10 °C to +50 °C (14 °F to 122 °F)
Mounting Hole	ø250 mm (Maximum ceiling thickness: 37 mm)
Input Terminal	Removable locking connector with screw-down terminals (2 input terminals and 2 bridge terminals)
Usable Cable	Solid copper wire: ø0.5 – ø1.6 mm (equivalent to AWG No. 24 – 14) Stranded copper wire: ø0.2 – ø2.5 mm ² (equivalent to AWG No. 24 – 14)
Finish	Enclosure: Steel plate, plating Baffle: Fire-resistant ABS resin (resin material grade: UL-94 V-0), black Rim: Fire-resistant ABS resin (resin material grade: UL-94 V-0) white, paint Punched net: Steel plate, white, paint
Dimensions	ø280 x 227 (D) mm
Weight	5.1 kg (including panel)
Accessories	Panel ...1, Ceiling reinforcement ring ...1, Safety wire ...1, Paper pattern ...1, Cable gland ...1
Option	Anchor hanging bracket: HY-AH1, Tile bar bridge: HY-TB1

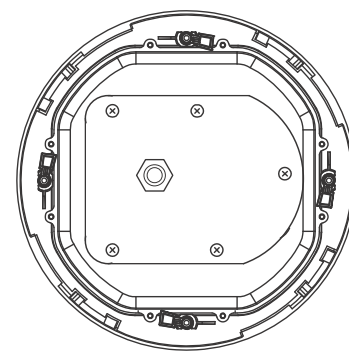
■ APPEARANCE



Front View

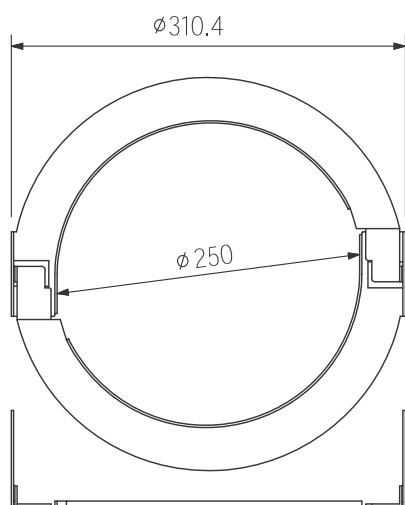


Side View

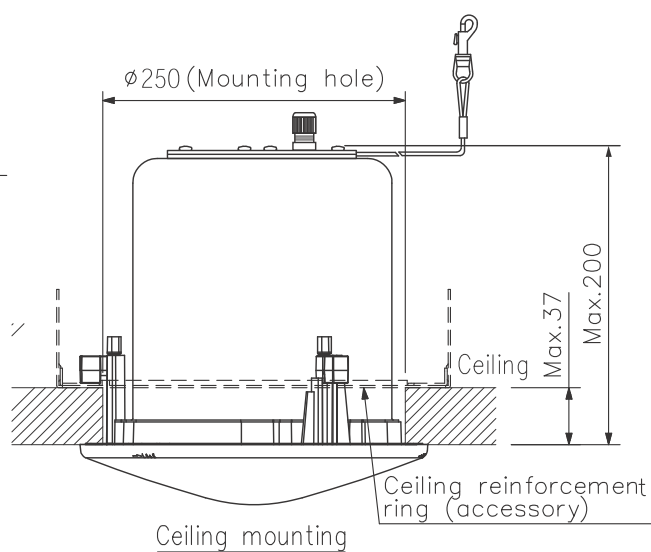
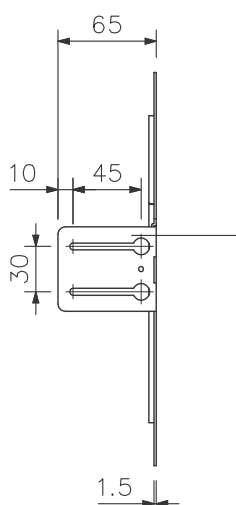


Rear View

Safety wire
60 cm in length (accessory)



Ceiling reinforcement ring (accessory)



UNIT:mm SCALE:1/5