



LD 6 UE/IP54 SPEAKER

IN-CEILING SPEAKER FOR INDOOR USE

The speaker is ideal for use in indoor areas, e.g. offices, corridors, and workshops. The completely closed housing protects the speakers against the ingress of dirt and dust from behind.

The bipolar connection cable is inserted via a cable gland. The power adjustment is carried out via different tapings on the secondary side of the transformer.



- Outdoor use possible
- Sturdy and robust design
- Closed housing
- Degree of protection IP54
- Good speech intelligibility
- M20 cable gland
- Easy mounting

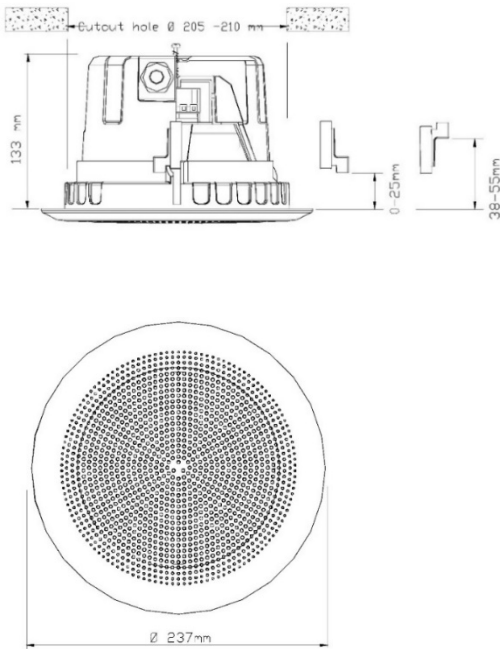
MECHANICAL DATA

Housing	Special plastic (PA 6 V0 / ABS)
Cover	Special plastic (PA 6 V0 / ABS)
Diameter	237 mm (9.33")
Installation cut out	205 mm to 210 mm (8.07" to 8.27")
Installation depth	133 mm (5.24")
Cable entry	2 x M20
Cable gland	1 x M20
Connection	Terminals
Weight	Approx. 1.3 kg (approx. 2.87 lbs)
Color	White (RAL 9010)
Mounting	In-ceiling

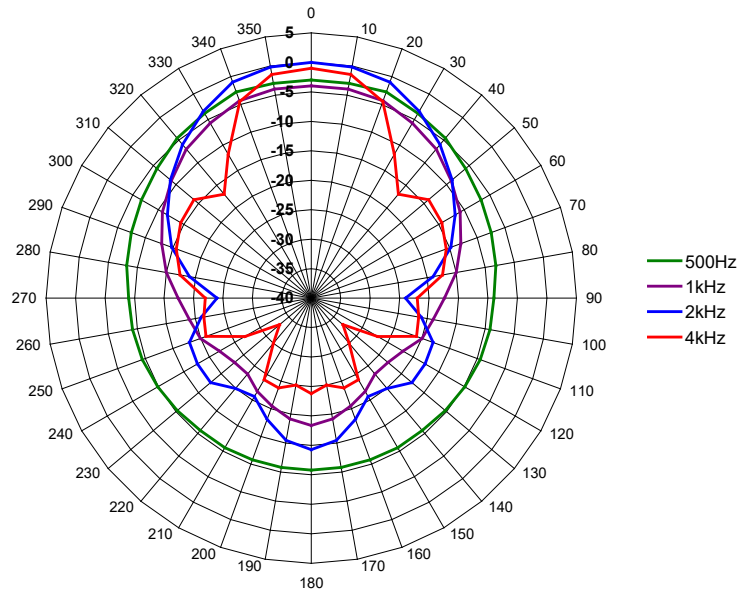
ELECTRICAL DATA

Rated power	6 W
Transformer tapings	100 V: 6 W / 3 W / 1.5 W / 0.5 W
Sound pressure level 1 W, 1 m (3.28 ft)	93 dB (+/-3 dB)
Sound pressure level 6 W, 1 m (3.28 ft)	100 dB (+/-3 dB)
Effective frequency range	170 Hz to 20,000 Hz
Dispersion angle	1 kHz : 140°, 4 kHz: 50°

DIMENSIONS



POLAR DIAGRAMM



FREQUENCY DIAGRAMM



MEASUREMENT CONDITIONS

Sound pressure level (SPL)	1 W / 1 m (3.28 ft)
Pink noise	1/3 octave filter
Zero level in frequency response	45 dB
Range	60 dB

SOUND PRESSURE LEVEL RELATED TO DISTANCE

P_{max} 6 W	Level (dB) at	(-6 dB)	(-18 dB)	(-24 dB)	(-28 dB)	
	1 m (3.28 ft)	2 m (6.56 ft)	8 m (26.25 ft)	16 m (52.49 ft)	25 m (82.02 ft)	
		100	94	82	76	72

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-20 °C to +90 °C (-4 °F to +194 °F)
Relative humidity (non-condensing)	Max. 95 %
Degree of protection	IP54

ORDER DATA

Type Number	001-206-048
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