

NIC-3

LOUDSPEAKERS

In-ceiling / In-wall Loudspeaker



A&E SPECIFICATIONS

The in-ceiling / in-wall installation loudspeaker shall be a 1-way full-range type consisting of a 3" woofer, suitable for 70/100 V line or low-impedance installations. The power handling shall be 20 W RMS at a rated impedance of 8 Ω , with a program power of 40 W and peak power of 80 W. It shall include a line transformer providing 10 W taps for both 70 V and 100 V lines, including an 8 Ω bypass.

The effective frequency range (± 10 dB) shall extend from 112 Hz to 20 kHz. The sensitivity shall be 85 dB (1 W / 1 m), while the maximum sound pressure level shall be 95 dB continuous and 101 dB peak. The nominal dispersion shall be a 172° conical coverage pattern at -6 dB.

The enclosure shall be made of ABS plastic, and the frameless grill shall be made of aluminium, featuring a bayonet fixing system and removable logo. The loudspeaker shall be IP66 rated. Mounting into the ceiling or wall shall be possible using two rotating tabs. Connection shall be made via 4-pin Euroblock connector, mounted on the rear of the baffle. Accepts cable sizes from 18 AWG (0.8 mm²) to 14 AWG (2.5 mm²).

The loudspeaker shall have an external diameter of 113.5 mm, a depth greater than 120 mm, and a weight not exceeding 0.54 kg. The recommended cut-out diameter shall be 100 mm.

The loudspeaker shall be the ECLER NIC-3.