

METAL SOUND PROJECTOR

CELL20/T



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model CELL20/T or equal and approved. The speaker enclosure shall be constructed of high-grade extruded aluminium with a mesh grille, epoxy coated to match the enclosure. The mounting will be via a "U" shaped aluminium bracket. The speaker assembly shall comprise of 130mm dual cone loudspeaker.

A 20 watt/100 volt line, factory fitted transformer shall provide 3dB power taps. Cable entry shall be via a single cable entry mounted on a removable rear cover and will be supplied with ceramic terminals to take 2 x 2.5mm² conductors.

The loudspeaker shall have a wide dispersion. The cone shall be a high compliance unit with a smooth extended frequency response.

RATED POWER	20w
TAPPINGS 100v LINE	20/10/5/2.5w
EFFECTIVE FREQUENCY RANGE	110 - 16kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	88dB
DISPERSION AT 1k/2kHz	180/120
AXIAL Q FACTOR AT 1k/2kHz	2.6/5.9
COLOUR	WHITE RAL 9016

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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A 20 watt/100 volt line, factory fitted transformer shall provide 3dB power taps. Cable entry shall be via a single cable gland mounted on a removable rear cover.

The loudspeaker shall have a wide dispersion. The cone shall be a high compliance unit with a smooth extended frequency response.

The CELL20/TC will be suitable for voice alarm applications and will be supplied with ceramic terminals to take 2 x 2.5mm² conductors and a thermal fuse rated at 150°. A 4-core fire rated cable tail should be added to ensure full compliance or the addition of a second cable entry to allow "loop in, loop out" termination.

This loudspeaker must be compliant to BS5839 part 8 & EN60849.

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