



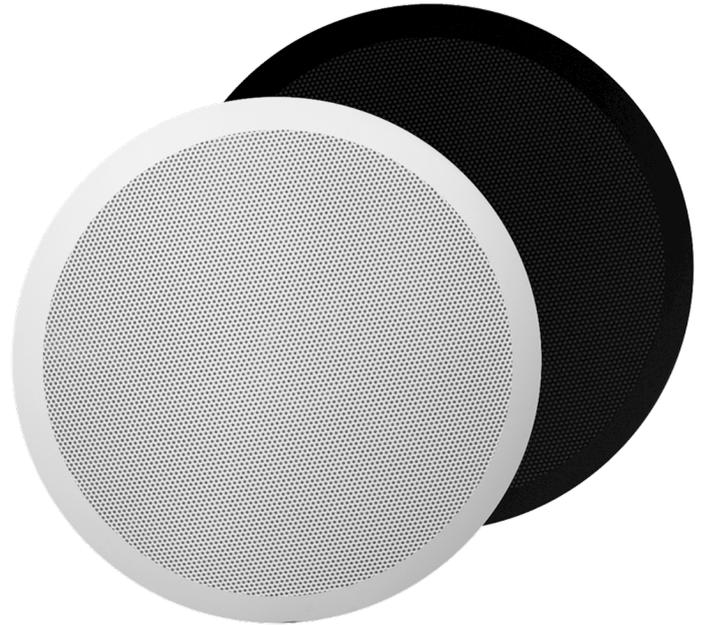
Highlights:

- FastCon™ connections
- QuickFix installation system
- 8" woofer with 1" coaxially mounted tweeter
- Aluminum grill
- Multi-tapping 100V line transformer

The CS series loudspeakers are high-quality in-ceiling loudspeakers, delivering exceptional sound quality and value for a wide variation of applications, ranging from paging and announcements to background music systems in a wide range of business applications, including hotels, restaurants and pubs, corporate offices, retail stores, etc. The CS85 in-ceiling loudspeaker features a 8" driver with a coaxially mounted 1" tweeter, having a continuous power handling of 40 Watt and a maximum power handling of 80 Watt. The 2-way construction makes the CS85 the perfect match for a wide variation highly demanding of applications, guaranteeing a high-quality reproduction of music and speech with true and deep performance in the low frequency range. This guarantees a true Hi-Fi experience. The moisture proof treatment on the speakers' cone and aluminum front grill protects it for installation in humid or outdoor environments. A multi-tapping line transformer fitted with Fast-con™ allows fast and smooth connections to 100 Volt public address or low impedance systems. The mounting of the loudspeaker into the ceiling is achieved with a Quick-fix mechanism, offering a great installers convenience and lifetime stability. The construction of the speakers' housing is made out of high-quality ABS, while the front is covered by a solid powder-coated aluminum grille. It comes available in different colours, while custom painting is possible for a total blending into any environment.

Applications:

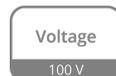
- Hotels
- Bars, restaurants
- Corporate spaces
- Retail
- Public facilities



Impedance:



Voltage:



System specifications:

Speaker type		2-way coaxial
Max. Power		80 W
RMS Power		40 W
Line Transformer Tappings	1	24 W / 417 Ω
	2	12 W / 833 Ω
	3	6 W / 1667 Ω
Sensitivity (1W/1m)		94 dB
Frequency	Response (\pm 3 dB)	40 Hz - 20 kHz
	Range (-10 dB)	35 Hz - 20 kHz
Sound Pressure (Max. W/1m)		112 dB
Crossover	Type	Passive built-in
Dispersion	Conical	130° (Half space (flush mounted in ceiling), average 100 Hz to 10 kHz @ -6 dB)
Impedance		8 Ω (CS85)
		16 Ω (CS85D)
Connectors		Multi-tap Fast-con™ connections
Drivers		8" MF / LF Woofer
		1" Dome tweeter

Product Features:

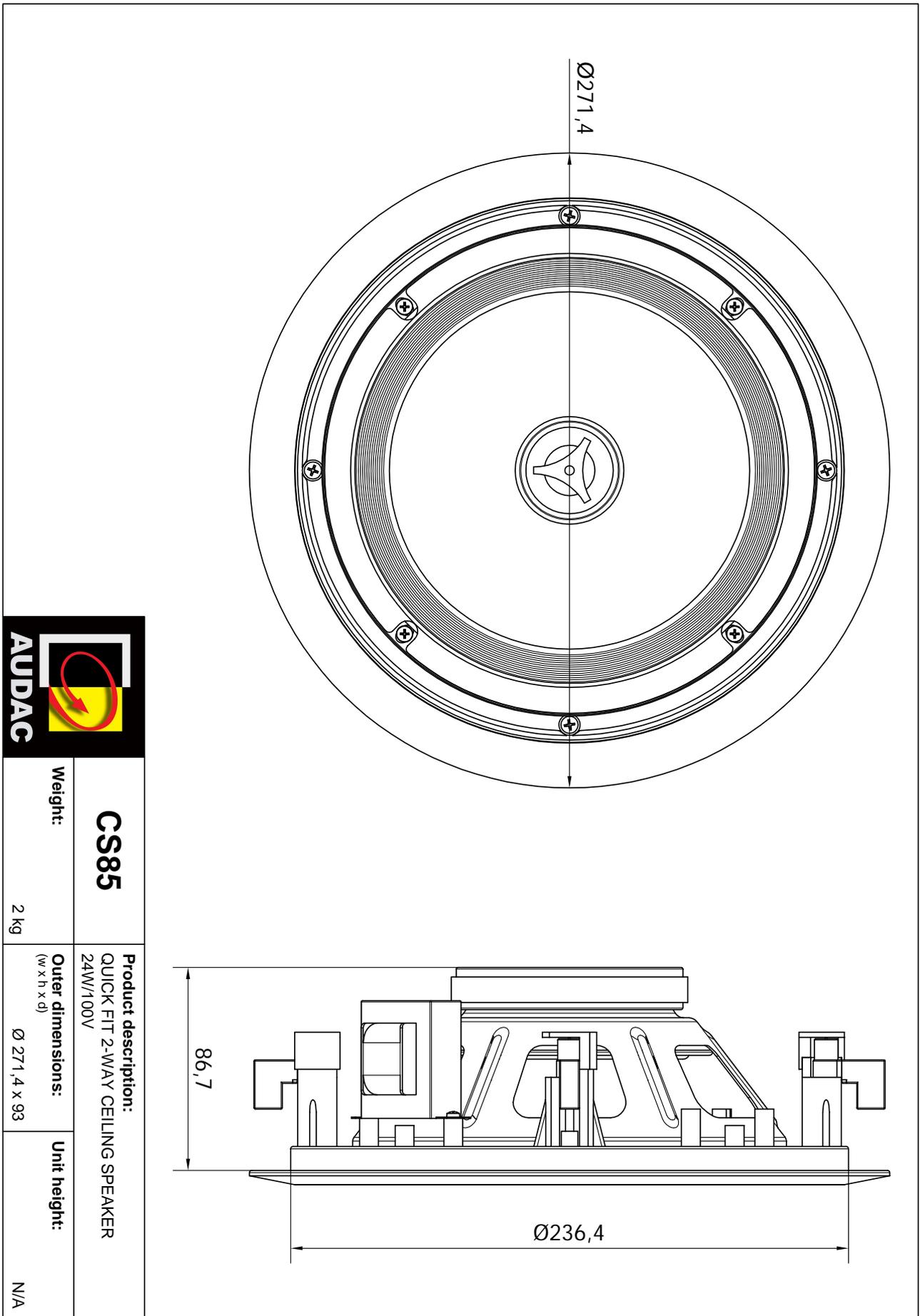
Dimensions	272 x 93 mm (Ø x D)	
Weight	1.550 kg (CS85)	
	1.290 kg (CS85D)	
Construction	ABS	
Mounting & handling	QuickFit™ installation system (4-screw)	
Front finish	Aluminium grill	
Cut-out measurement	237 mm (Ø)	
Built-in depth	87 mm	
Colours	White (NCS S 1000-N) (CS85)	
	White (RAL9010) (CS85/W)	
	Black (RAL9005) (CS85/B)	
	White (NCS S 1000-N) (CS85D)	
	White (RAL9010) (CS85D/W)	
Accessories	Included	Foam inlay
		Cut-out template

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	1.920 kg - 0.011 Cbm (CS85)
	1.700 kg - 0.011 Cbm (CS85D)

Architects' and Engineers' Specifications:

The ceiling mount loudspeaker shall be a 2-way coaxial type equipped with a 8" low frequency driver and a 1" tweeter and fitted with a line transformer allowing it to be used on both low impedance (8 Ohm) and 100 Volt distributed lines. It shall have an RMS power handling of 40 Watt with a maximum power handling of 80 Watt and the frequency response (± 3 dB) shall range from 40 Hz to 20 kHz. The sensitivity shall be 94 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 112 dB. The nominal dispersion shall be a 130° conical coverage pattern at -6dB (average 100 Hz - 10 kHz). The loudspeaker shall be switchable between 8 Ohm and constant voltage operation, and shall be fitted with a multi-tapping line transformer with tappings for 24 Watt, 12 Watt and 6 Watt including an 8 Ohm bypass. Fast and smooth connection of the system shall be possible using a Fast-con™ multi-tapping connector. The speakers frame shall be constructed in high quality ABS material which comes available in both white (RAL9010) and black (RAL9005) colours and is fitted with a removable aluminium grill allowing custom painting to make it blend-in with any environment. Mounting of the speaker into the ceiling shall be possible using a 4-screw Quick-fix installation system. The speaker shall have a diameter of 272 mm, a depth of 93 mm and the weight shall not exceed 1.55 kg. The speaker shall fit in a mounting hole with a cutout diameter of 237 mm and a build-in depth of 87 mm.



<p>Weight:</p> <p>2 kg</p>	<p>CS85</p>
<p>Outer dimensions: (w x h x d)</p> <p>$\text{Ø} 271,4 \times 93$</p>	<p>Product description:</p> <p>QUICK FIT 2-WAY CEILING SPEAKER 24W/100V</p>
<p>Unit height:</p> <p>N/A</p>	