



# CIRA8

## QuickFit™ 2-way 8" ceiling speaker with TwistFix™ grill

### Highlights:

- TwistFix™ borderless grill design
- Excellent off axis performance
- Flat frequency response
- Consistent sound profile throughout complete family
- Exceptional intelligibility and musical performance
- Lifetime stability and toolfree installation with unique Quickfit™ innovation

### Product information:

Designed to offer the best value for money ratio. The CIRA series are coaxial 2-way ceiling speakers featuring exceptional intelligibility and musical performance. The TwistFix™ borderless grill design offers easy but solid assembly and a completely seamless transition from grill to ceiling. This results in a perfect blend in to its environment. The QuickFit™ installation system combined with FastCon™ connector offers lifetime stability and great installers convenience.

The CIRA8 features a 8" driver using polypropylene cone material, combined with a 1" Mylar tweeter fitted with a phase plug for excellent off axis performance. The selected materials guarantee a low distortion performance with smooth and flat frequency response. A continuous power handling of 40 Watt (RMS) and maximum power handling of 80 watt is achieved, while fitted with a multi-tapping 100V line transformer with tapings for 24W, 12W, 6W and an 8 Ohm & 16 Ohm bypass connection.

### Applications:

- Corporate
- Retail
- Bars & Restaurants



### Impedance:

$\Omega$  8 Ohm  $\Omega$  16 Ohm

### Voltage:

 100 Volt

## System specifications:

Peak power handling		160 W
Program power handling		80 W
RMS/AES power handling		40 W
Sound Pressure (Max. W/1m)	@ 100 V	105 dB
Sensitivity (1W/1m)		89 dB
Frequency	Response ( $\pm 3$ dB)	40 Hz - 20 kHz
Speaker type		2-way coaxial
Impedance		8 $\Omega$ (CIRA824) 16 $\Omega$ (CIRA840D)
Frequency	Range (-10 dB)	33 Hz - 20 kHz
Dispersion	Conical	140°
Connectors		Multi-tap Fast-con™ connections
Drivers	HF	1"
	LF	8"
Line Transformer Tappings	1	24 W - 417 $\Omega$ (CIRA824)
	2	12 W - 833 $\Omega$ (CIRA824)
	3	6 W - 1667 $\Omega$ (CIRA824)

## Product Features:

Cut-out measurement	243 mm ( $\emptyset$ )
Dimensions	270 x 82 mm ( $\emptyset$ x D)
Weight	1.65 kg (CIRA840D) 1.75 kg (CIRA824)
Operating temperature	-20 °C ~ 60 °C
Construction	ABS
Front finish	Twist-Fix™ borderless finely perforated steel grill
Built-in depth	82 mm
Mounting	QuickFit™ mounting system
Colours	White (RAL9003) (CIRA824/W & CIRA840D/W)

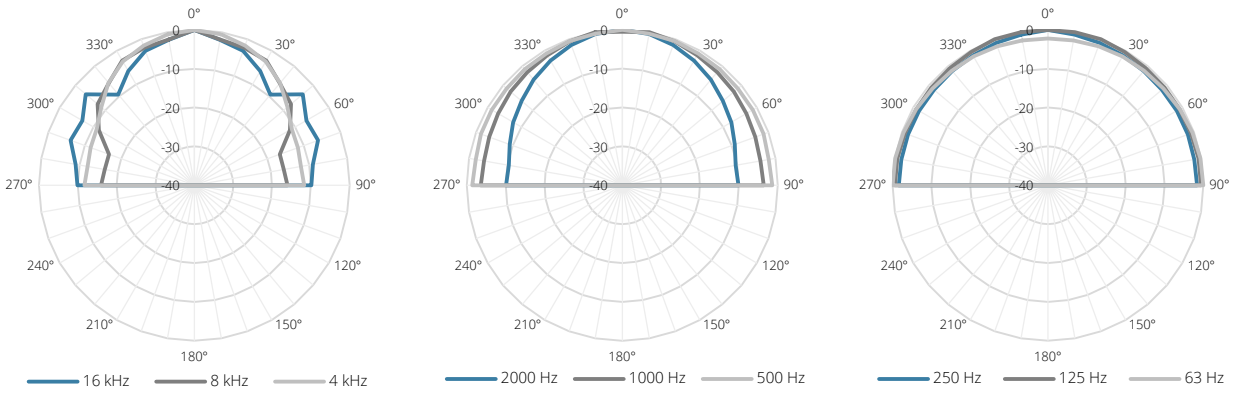
## Variants:

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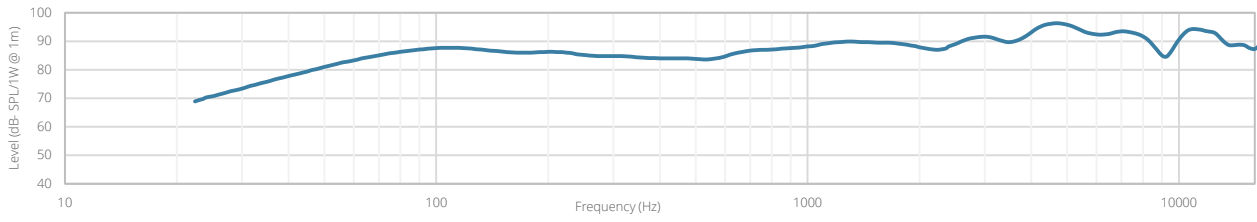
- CIRA840DI/W - White version, 16  $\Omega$  (RAL9016)
- CIRA824I/W - White version, 8 $\Omega$  & 24 Watt @ 100V (RAL9016)
- CIRA840D/W - White version, 16  $\Omega$

# Acoustical data graphs:

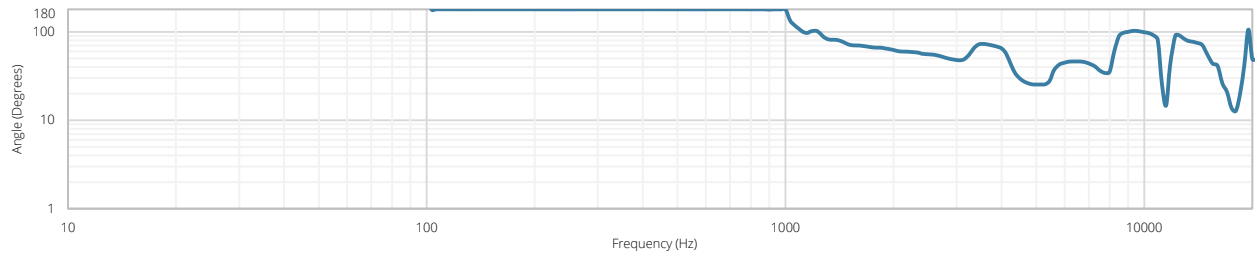
Polars:



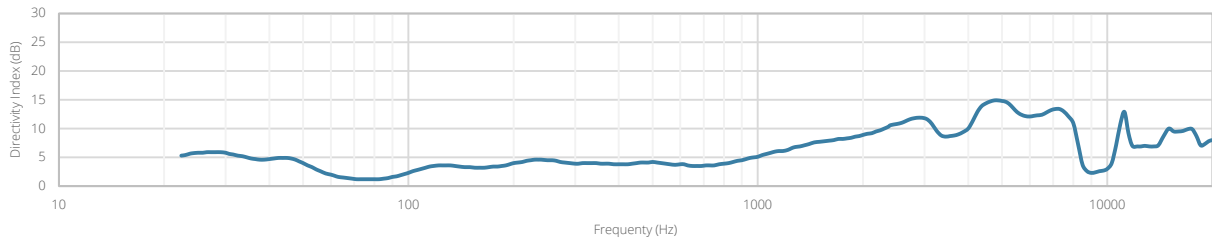
Sensitivity:

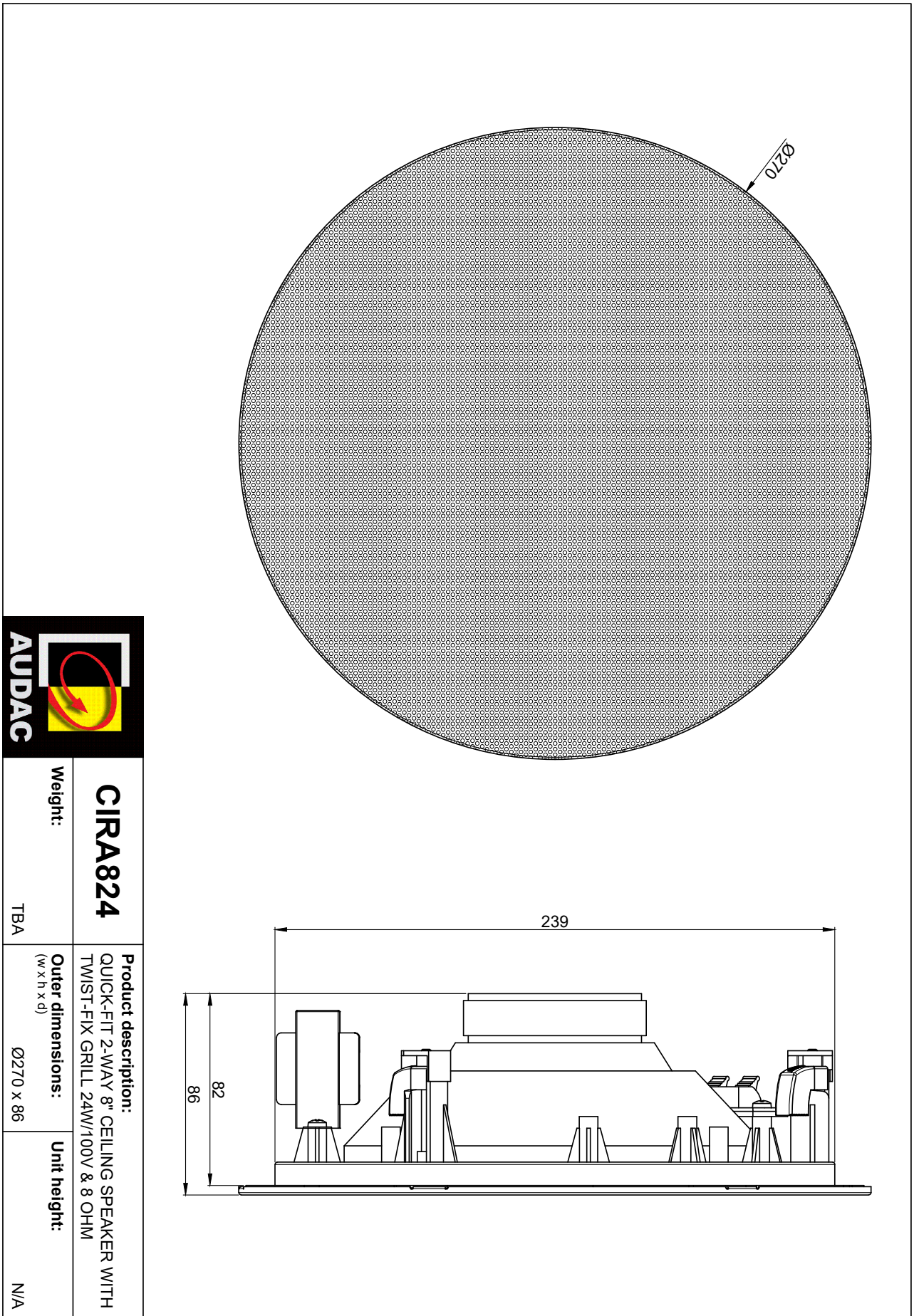


Beamwidth (-3dB):



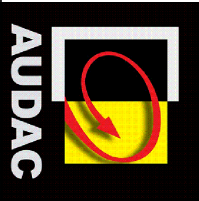
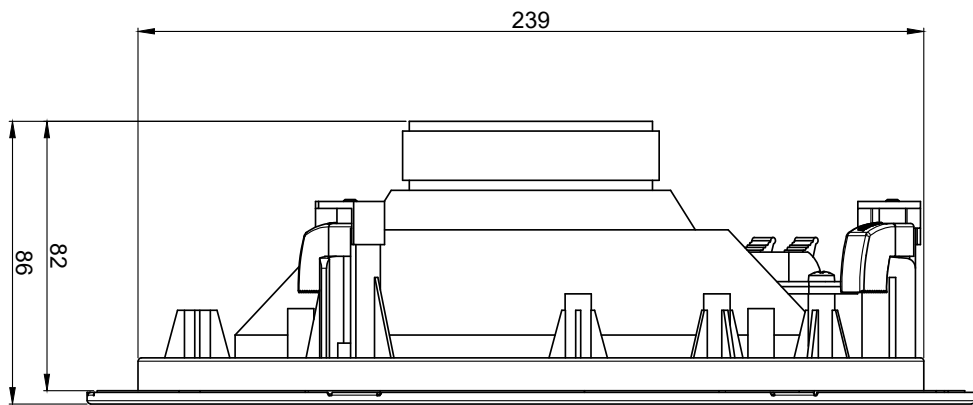
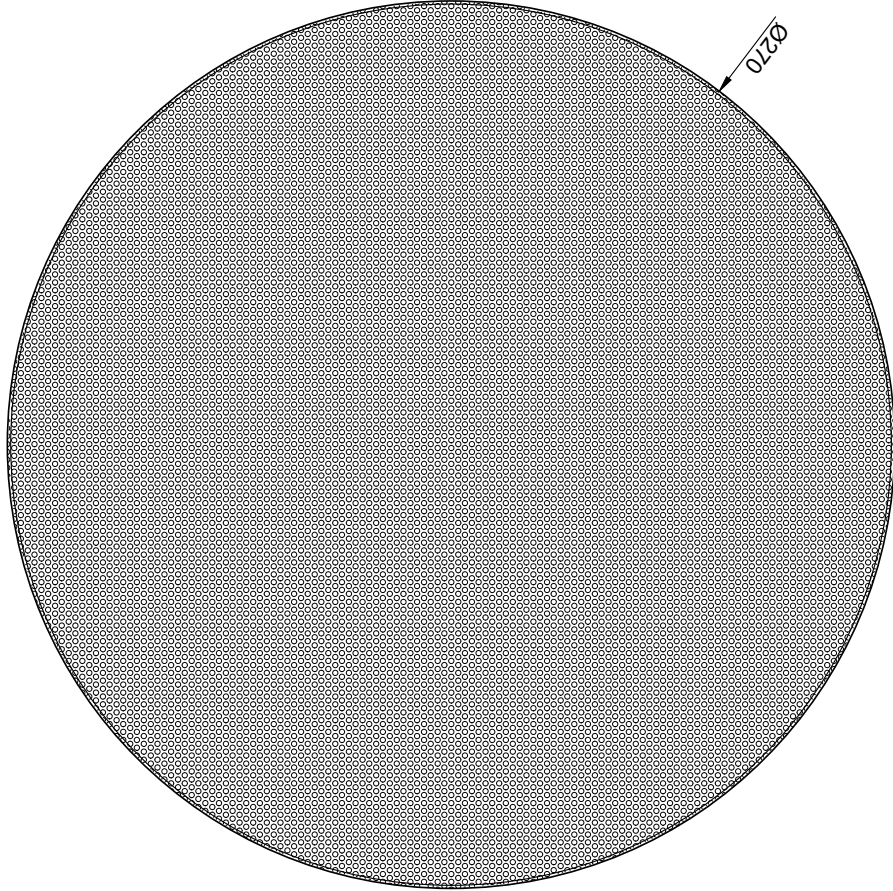
Directivity index:





<p><b>Weight:</b></p> <p>TBA</p>	<p><b>CIRA824</b></p>
<p><b>Outer dimensions:</b> (w x h x d)</p> <p>Ø270 x 86</p>	<p><b>Product description:</b></p> <p>QUICK-FIT 2-WAY 8" CEILING SPEAKER WITH TWIST-FIX GRILL 24W/100V &amp; 8 OHM</p>
<p><b>Unit height:</b></p> <p>N/A</p>	





<b>CIRA840D</b>	<b>Weight:</b> TBA
<b>Product description:</b> QUICK-FIT 2-WAY 8" CEILING SPEAKER WITH TWIST-FIX GRILL 40W/16 OHM	<b>Outer dimensions:</b> (w x h x d) Ø270 x 86
<b>Unit height:</b> N/A	