



PENTON

シーリングスピーカー

2012 年
1 月 1 日

ミドルクラスのハイ・インピーダンスの製造をしているペントン社はバリエーションに富んだシーリングスピーカーを製造しています。

周波数特性、許容入力、エンクロージャーの有無、開口径、奥行き等使用目的によってシーリングスピーカーの選択ができます。

製品のデータシート、施工要領書、試験成績書、シミュレーションデータ等豊富な資料が用意されており、音響設備の設計に役立てることができます。



● Round Metal Ceiling: 金属製円形シーリングスピーカー

型番	概要	標準小売価格	
		税抜き	税込み
RCS3/T	3 1/2 径ユニット: 最少	¥8,900	¥9,345
WCS3/T	3 1/2 径ユニット: 木製エンクロージャー	¥32,000	¥33,600
RCS4/T	4 1/2 径ユニット	¥8,300	¥8,715
RCS4/FTS	4 1/2 径ユニット: 金属製エンクロージャー	¥13,700	¥14,385
RCS5/T	5 1/2 径ユニット	¥9,300	¥9,765
RCS5/FTS	5 1/2 径ユニット: 金属製エンクロージャー	¥13,700	¥14,385
RCS6/T	6 1/2 径ユニット: 金属製エンクロージャー	¥10,500	¥11,025
RCS6/FTS	6 1/2 径ユニット: 金属製エンクロージャー	¥14,300	¥15,015
RCS8/T	8 1/2 径ユニット: 金属製エンクロージャー	¥13,500	¥14,175
RCS8/FTS	8 1/2 径ユニット: 金属製エンクロージャー	¥19,000	¥19,950



● Round Metal Ceiling with LED strobe: 非常時点滅ストロボライト付き金属製円形シーリングスピーカー

型番	概要	標準小売価格	
		税抜き	税込み
RCS5/FTSL	5 1/2 径ユニット: 金属製エンクロージャー 非常時点滅 LED ストロボ付き	¥16,000	¥16,800

- Round CO-Axial Metal Ceiling: 中高天井用同軸型金属製円形シーリングスピーカー

型番	概要	標準小売価格	
		税抜き	税込み
RCS5/TCOAX	5 1/2 径同軸ユニット: 金属製エンクロージャー	¥12,700	¥13,335
RCS5/FTSCOAX	5 1/2 径同軸ユニット: 金属製エンクロージャー	¥17,800	¥18,690
RCS6/TCOAX	6 1/2 径同軸ユニット: 金属製エンクロージャー	¥14,000	¥14,700
RCS6/FTCOAX	6 1/2 径同軸ユニット: 金属製エンクロージャー	¥18,700	¥19,635
RCS8/TCOAX	8 1/2 径同軸ユニット: 金属製エンクロージャー	¥18,300	¥19,215
RCS8/FTCOAX	8 1/2 径同軸ユニット: 金属製エンクロージャー	¥22,800	¥23,940

- Round Plastic Ceiling: プラスチック製円形シーリングスピーカー

型番	概要	標準小売価格	
		税抜き	税込み
PCL5/T	5 1/2 径ユニット	¥7,950	¥8,375
PCL6/T	6 1/2 径ユニット	¥8,500	¥8,925

- PRO-Sound Ceiling: ハイパワー・シーリングスピーカー

型番	概要	標準小売価格	
		税抜き	税込み
CCS4	4 1/2 径ユニット: 大型金属製エンクロージャー	¥16,000	¥16,800
CCS4/T	4 1/2 径ユニット: 大型金属製エンクロージャー	¥19,000	¥19,950
CCS6	5 1/2 径ユニット: 大型金属製エンクロージャー	¥20,000	¥21,000
CCS6/T	4 1/2 径ユニット: 大型金属製エンクロージャー	¥23,000	¥24,150



ROUND METAL CEILING

Loudspeaker, miniature



➤ **RCS3/T**

TECHNICAL SPECIFICATIONS

Rated power, Watts	6
Tappings 100 volt line, Watts	6 / 4 / 2
Transformer Impedance, Ohms, 100V	1.67k/2.5k/5k
Tappings 70.7 volt line, Watts	3 / 2 / 1
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	100-20,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	87
S.P.L. @ Full power Octave Bandwidth, dB	94
Acoustic Power (dB-PWL@1 watt) 1k/2k Hz	83/85
Dispersion at 1k/2k Hz, Degrees	180/180
Directivity Axial Q factor, 1k/2k Hz	2.0/2.4
Dimensions, diameter, mm	Ø 104.5
Net weight, Kgs	0.49
Colour/Finish	White RAL9016
Material	Steel
Mounting	Twin Spring
Cut-out, mm	Ø 85

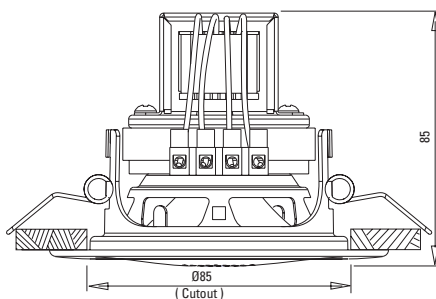
EASE, CATT, ULYSSES and Architectural specifications are supplied on the disc inserted at the back of this folder
 Manufacturer reserves the right to alter specifications without notice – March 2007

50 ➤ **RCS3/T**

ROUND METAL CEILING LOUDSPEAKER MINIATURE

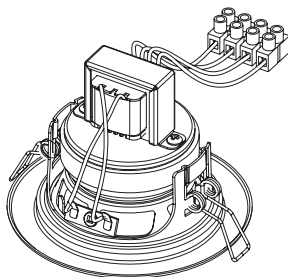
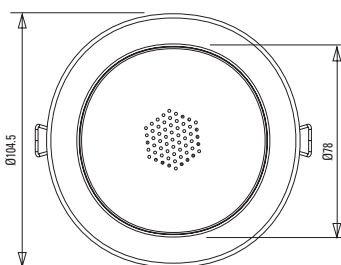
▼ side view

unit: **mm**

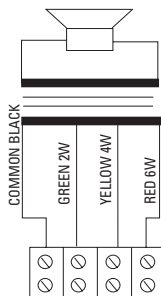


▼ front view

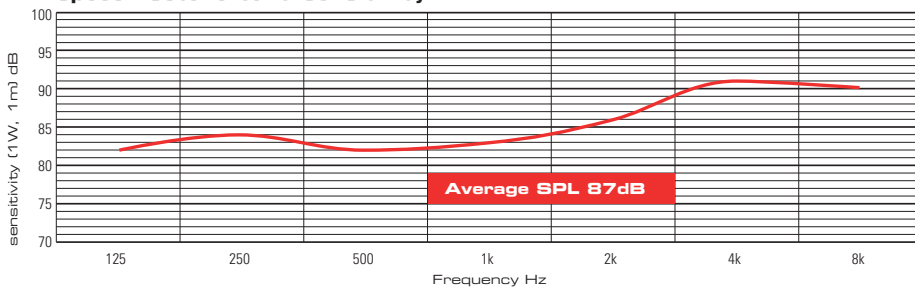
unit: **mm**



▼ circuit diagram



speech octave band sensitivity



Effective Frequency Range ➤ **RCS3/T** 100Hz - 20KHz



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ROUND METAL CEILING Loudspeakers



➤ **RCS4/T** ➤ **RCS4/FTS**

TECHNICAL SPECIFICATIONS

Rated power, Watts	4
Tappings 100 volt line, Watts	4 / 2 / 1 / 0.5 / 0.25
Transformer Impedance, Ohms, 100V	2.5k/5k/10k/20k/40k
Tappings 70.7 volt line, Watts	2 / 1 / 0.5 / 0.25 / 0.13
Driver impedance, Ohms	8
Effective Frequency Range, Hz(BSEN60268-5)	RCS4/T: 130-18KHz, RCS4/FTS: 200-18KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS4/T: 84, RCS4/FTS: 83
S.P.L. @ Full power Octave Bandwidth, dB	RCS4/T: 90, RCS4/FTS: 89
Acoustic Power (dB-PWL@1 watt) 1k/2k Hz	RCS4/T: 81/83, RCS4/FTS: 81/83
Dispersion at 1k/2k Hz, Degrees	RCS4/T: 180/180, RCS4/FTS: 180/180
Directivity Axial Q factor, 1k/2k Hz	RCS4/T: 1.90/2.20, RCS4/FTS: 1.70/2.20
Dimensions, diameter, mm	RCS4/T: Ø132, RCS4/FTS: Ø132
Net weight, Kgs	RCS4/T: 0.72, RCS4/FTS: 0.92
Colour/Finish	White RAL9016
Material	Steel
Mounting	Fixing Springs x 4 (stainless steel)
Cut-out, mm	RCS4/T: Ø119 RCS4/FTS: Ø119

➤ RCS4/FTS is BS5839 Part 8 voice alarm compliant

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➤ **RCS4/T**

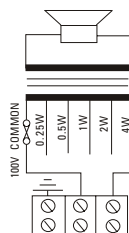
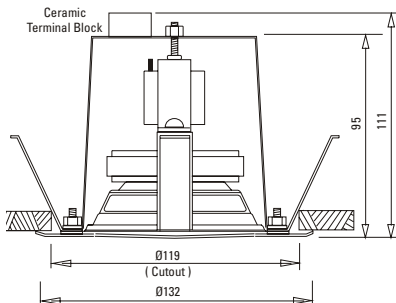
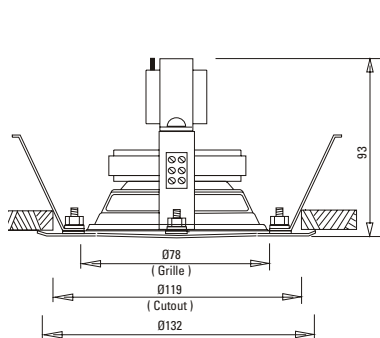
➤ **RCS4/FTS**

ROUND METAL CEILING LOUSPEAKERS

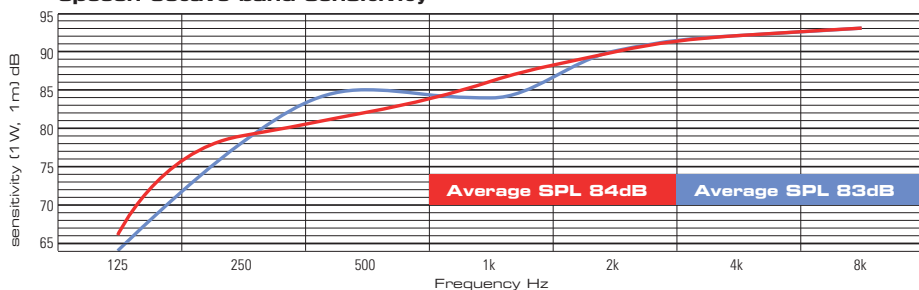
▼ **RCS4/T**
side view
unit: mm

▼ **RCS4/FTS**
side view
unit: mm

▼ circuit
diagram
RCS4/FTS



speech octave band sensitivity



Effective Frequency Range

- **RCS4/T** 130Hz - 18KHz
- **RCS4/FTS** 200Hz - 18KHz



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ROUND METAL CEILING Loudspeakers



- **RCS5/T**
- **RCS5/FTS**

TECHNICAL SPECIFICATIONS

Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms, 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective frequency range, Hz (BS EN60268-5)	RCS5/T: 70-17.5KHz RCS5/FTS: 150-18KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS5/T: 94 RCS5/FTS: 95
S.P.L. @ Full power Octave Bandwidth, dB	RCS5/T: 102 RCS5/FTS: 102
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS5/T: 91/92 RCS5/FTS: 92/93
Dispersion at 1k/2k Hz, Degrees	RCS5/T: 180/180 RCS5/FTS: 180/180
Directivity Axial Q factor, 1k/2kHz	RCS5/T: 2.3/4.6 RCS5/FTS: 2.1/6.0
Dimensions, diameter, mm	Ø189
Net weight, Kgs	RCS5/T: 1.0 RCS5/FTS: 1.3
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS5/T: Ø160 RCS5/FTS: Ø164

- RCS5/FTS is BS5839 Part 8 voice alarm compliant

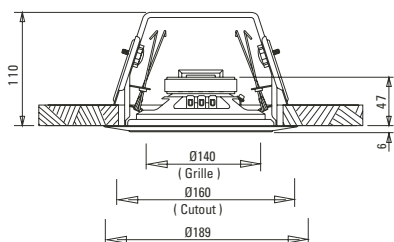
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➤ **RCS5/T**

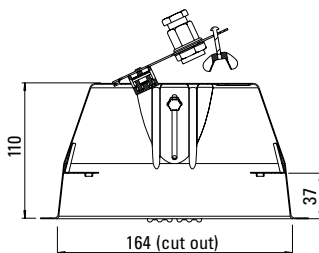
➤ **RCS5/FTS**

ROUND METAL CEILING LOUDSPEAKERS

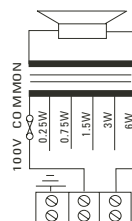
▼ **RCS5/T**
side view
unit: **mm**



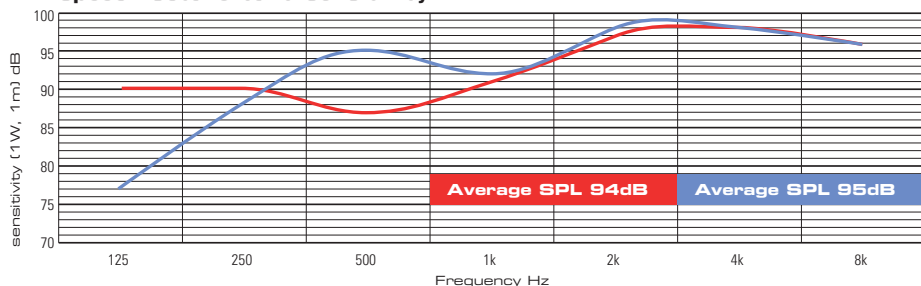
▼ **RCS5/FTS**
side view
(gland not supplied)
unit: **mm**



▼ **circuit diagram**
RCS5/FTS



speech octave band sensitivity



Effective Frequency Range

- **RCS5/T** 70Hz - 17.5KHz
- **RCS5/FTS** 150Hz - 18KHz



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ROUND METAL CEILING Loudspeakers



➤ **RCS6/T**

➤ **RCS6/FTS**

TECHNICAL SPECIFICATIONS

Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms, 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	RCS6/T: 65-18.5KHz RCS6/FTS: 180-18KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS6/T: 95 RCS6/FTS: 95
S.P.L. @ Full power Octave Bandwidth, dB	RCS6/T: 103 RCS6/FTS: 103
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS6/T: 90/92 RCS6/FTS: 91/92
Dispersion at 1k/2kHz, Degrees	RCS6/T: 180/110 RCS6/FTS: 180/120
Directivity Axial Q factor, 1 k/2kHz	RCS6/T: 2.3/6.1 RCS6/FTS: 1.9/5.9
Dimensions, diameter, mm	Ø239
Net weight, Kgs	RCS6/T: 1.2, RCS6/FTS: 1.5
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS6/T: Ø190 RCS6/FTS: Ø200

➤ RCS6/FTS is BS5839 Part 8 voice alarm compliant

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➤ **RCS6/T**

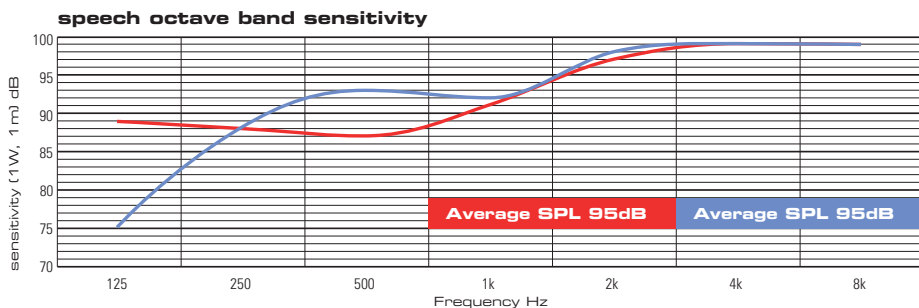
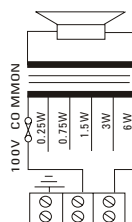
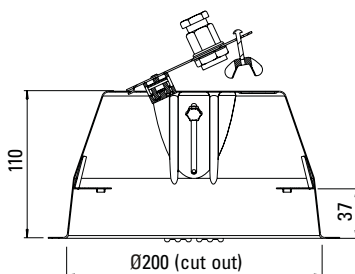
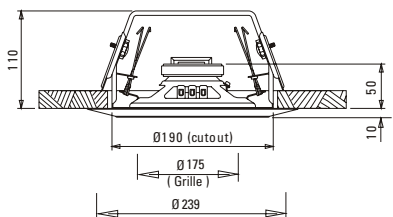
➤ **RCS6/FTS**

ROUND METAL CEILING LOUDSPEAKERS

▼ **RCS6/T**
side view
unit: mm

▼ **RCS6/FTS**
side view
(gland not supplied)
unit: mm

▼ circuit
diagram
RCS6/FTS



Effective Frequency Range

- **RCS6/T** 65Hz - 18.5KHz
- **RCS6/FTS** 180Hz - 18KHz



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ROUND METAL CEILING

Loudspeakers



➤ **RCS8/T**

➤ **RCS8/FTS**

TECHNICAL SPECIFICATIONS

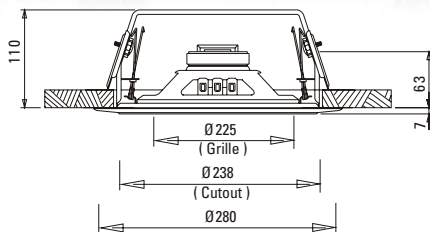
Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms, 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	RCS8/T: 65-17KHz RCS8/FTS: 150-17KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS8/T: 94 RCS8/FTS: 93
S.P.L. @ Full power Octave Bandwidth, dB	RCS8/T: 104 RCS8/FTS: 103
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS8/T: 89/90 RCS8/FTS: 87/90
Dispersion at 1k/2k Hz, Degrees	RCS8/T: 180/ 110 RCS8/FTS: 176/100
Directivity Axial Q factor, 1 k/2kHz	RCS8/T: 2.7/6.7 RCS8/FTS: 3.6/7.8
Dimensions, diameter, mm	Ø280
Net weight, Kgs	RCS8/T: 1.4, RCS8/FTS: 2.2
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS8/T: Ø238 RCS8/FTS: Ø246

➤ RCS8/FTS is BS5839 Part 8 compliant

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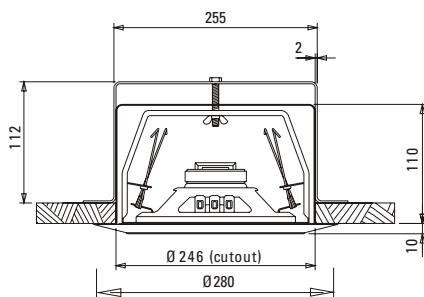
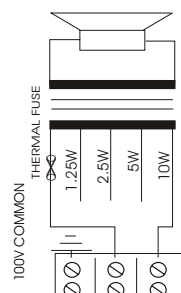
➤ **RCS8/T** ➤ **RCS8/FTS**

ROUND METAL CEILING LOUDSPEAKERS

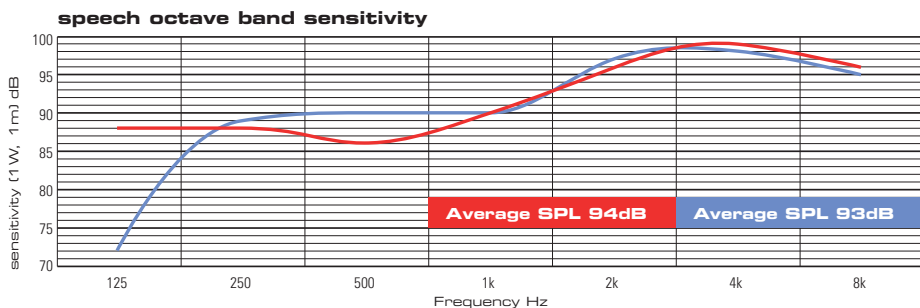


➤ **RCS8/T**
side view
unit: mm

➤ circuit
diagram
RCS8/FTS



➤ **RCS8/FTS**
side view
unit: mm



Effective Frequency Range

- **RCS8/T** 65Hz - 17KHz
- **RCS8/FTS** 150Hz - 17KHz



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ROUND METAL CEILING

Loudspeakers with LED strobe



➤ **RCS5/FTSL**

TECHNICAL SPECIFICATIONS

Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms, 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective frequency range, Hz (BS EN 60268-5)	150-18KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	95
S.P.L. @ Full power Octave Bandwidth, dB	102
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	92/93
Dispersion at 1k/2k Hz, Degrees	180/180
Directivity Axial Q factor, 1k/2kHz	2.1/6.0
Dimensions, diameter, mm	Ø189
Net weight, Kgs	1.3
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	Ø164
Voltage, Current - LED Strobe	24vdc Polarized, 6.3mA (0.15W)
Flash of Strobe, Times / Minute	55 - 60
Brightness of Strobe, Lux @ 75mm	57

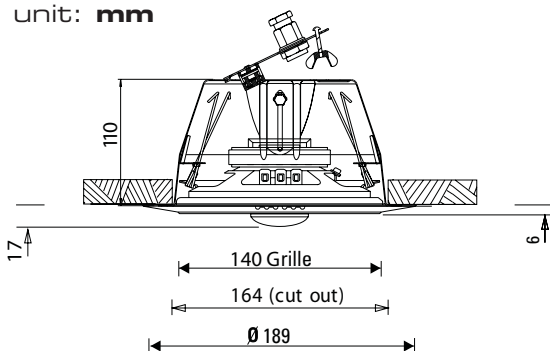
➤ RCS5/FTS is BS5839 Part 8 voice alarm compliant

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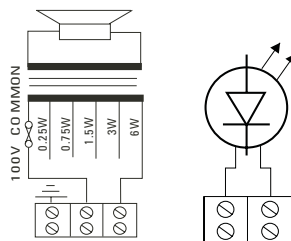
RCS5/FTSL

ROUND METAL CEILING LOUDSPEAKERS
WITH LED STROBE

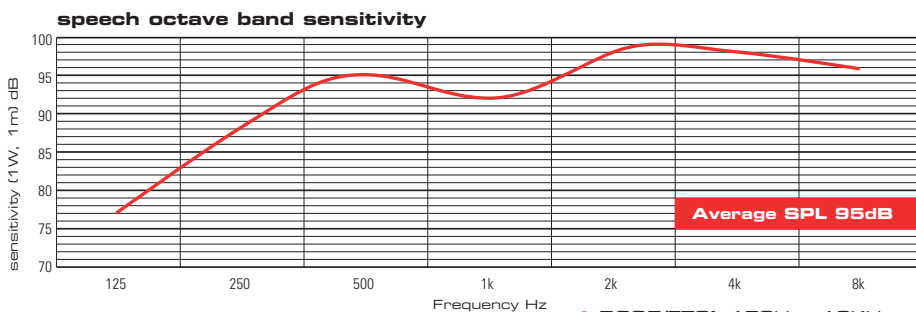
▼ **RCS5/FTSL**
side view
(gland not supplied)
unit: **mm**



▼ circuit
diagrams
RCS5/FTSL



CE



Effective Frequency Range

▼ **RCS5/FTSL** 150Hz - 18KHz



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ROUND CO-AXIAL METAL CEILING Loudspeakers



- > **RCS5/TCOAX**
- > **RCS5/FTSCOAX**

TECHNICAL SPECIFICATIONS

Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms, 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective frequency range, Hz (BS EN60268-5)	RCS5/TCOAX: 70~18.5KHz RCS5/FTSCOAX: 130~18.5KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100 Hz-10 kHz	RCS5/TCOAX: 91 RCS5/FTSCOAX: 91
S.P.L. @ Full power Octave Bandwidth, dB	RCS5/TCOAX: 101 RCS5/FTSCOAX: 101
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS5/TCOAX: 88/88 RCS5/FTSCOAX: 88/86
Dispersion at 1k/2kHz, Degrees	RCS5/TCOAX: 180/180 RCS5/FTSCOAX: 180/160
Directivity Axial Q factor, 1k/2kHz	RCS5/TCOAX: 2.1/4.0 RCS5/FTSCOAX: 2.0/5.3
Dimensions, diameter, mm	Ø189
Net weight, Kgs	RCS5/TCOAX: 1.2 RCS5/FTSCOAX: 1.5
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS5/TCOAX: Ø160 RCS5/FTSCOAX: Ø164

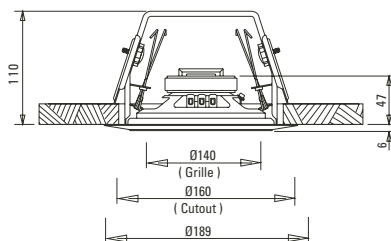
- > RCS5/FTSCOAX is BS5839 Part 8 voice alarm compliant

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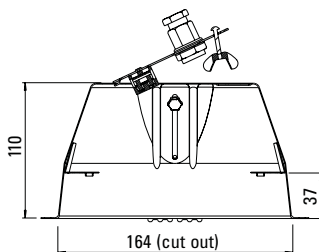
▶ **RCS5/TCOAX** ▶ **RCS5/FTSCOAX**

ROUND CO-AXIAL METAL CEILING LOUDSPEAKERS

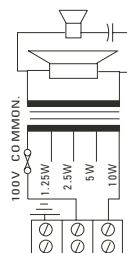
▼ **RCS5/TCOAX**
side view
unit: **mm**



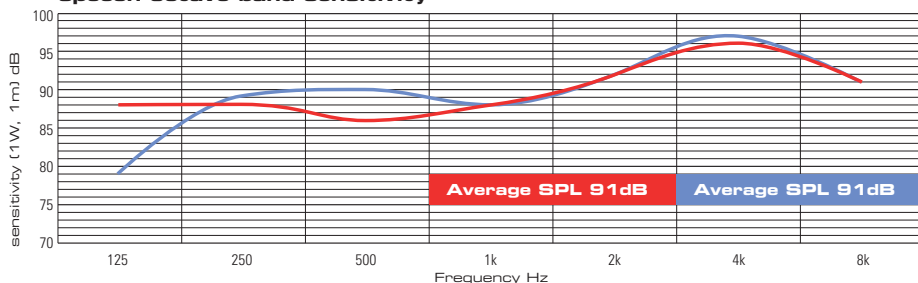
▼ **RCS5/FTSCOAX**
side view
(gland not supplied)
unit: **mm**



▼ **circuit diagram**
RCS5/FTSCOAX



speech octave band sensitivity



Effective Frequency Range

- **RCS5/TCOAX** 70Hz - 18.5KHz
- **RCS5/FTSCOAX** 130Hz - 18.5KHz



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ROUND CO-AXIAL METAL CEILING Loudspeakers



- **RCS6/TCOAX**
- **RCS6/FTSCOAX**

TECHNICAL SPECIFICATIONS

Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms, 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective frequency range, Hz (BS EN 60268-5)	RCS6/TCOAX: 65-20KHz RCS6/FTSCOAX: 95-20KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10kHz	RCS6/TCOAX: 91 RCS6/FTSCOAX: 92
S.P.L. @ Full power Octave Bandwidth, dB	RCS6/TCOAX: 101 RCS6/FTSCOAX: 102
Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB	RCS6/TCOAX: 88/89 RCS6/FTSCOAX: 89/88
Dispersion at 1k/2k Hz, Degrees	RCS6/TCOAX: 180/180 RCS6/FTSCOAX: 180/180
Directivity Axial Q factor, 1k/2kHz	RCS6/TCOAX: 2.2/4.3 RCS6/FTSCOAX: 2.3/4.2
Dimensions, diameter, mm	Ø239
Net weight, Kgs	RCS6/TCOAX: 1.4 RCS6/FTSCOAX: 2.0
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS6/TCOAX : Ø190 RCS6/FTSCOAX : Ø200

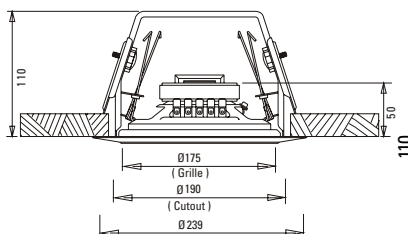
- RCS6/FTSCOAX is BS5839 Part 8 voice alarm compliant

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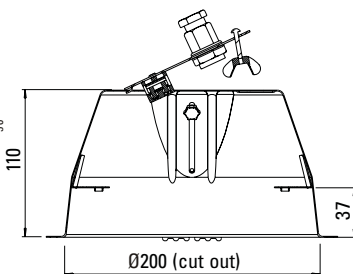
➤ **RCS6/TCOAX** ➤ **RCS6/FTSCOAX**

ROUND CO-AXIAL METAL CEILING LOUDSPEAKERS

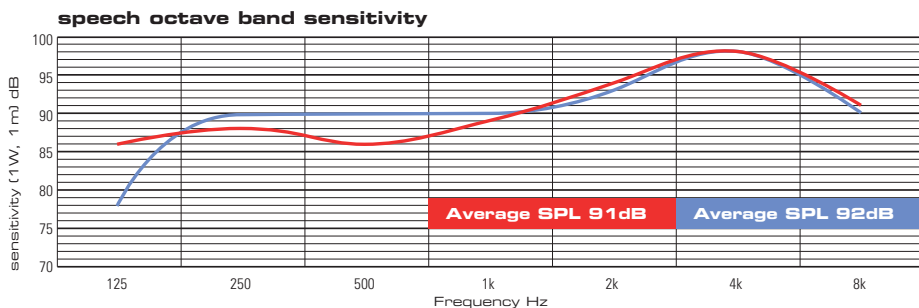
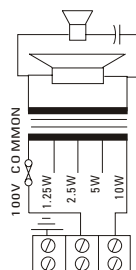
▼ **RCS6/TCOAX**
side view
unit: **mm**



▼ **RCS6/FTSCOAX**
side view
(gland not supplied)
unit: **mm**



▼ **circuit diagram**
RCS6/FTSCOAX



Effective Frequency Range

● **RCS6/TCOAX** 65Hz - 20KHz
● **RCS6/FTSCOAX** 95Hz - 20KHz



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ROUND CO-AXIAL METAL CEILING Loudspeakers



➤ **RCS8/TCOAX**

➤ **RCS8/FTSCOAX**

TECHNICAL SPECIFICATIONS

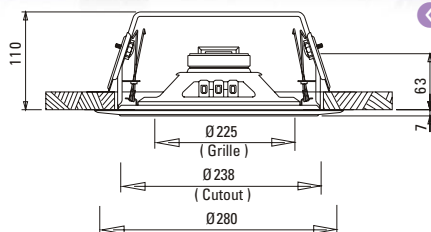
Rated power, Watts	20
Tappings 100 volt line, Watts	20/10/5/2.5
Transformer Impedance, Ohms, 100V	0.5k/1k/2k/4k
Tappings 70.7 volt line, Watts	10/5/2.5/1.25
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	RCS8/TCOAX: 60-20KHz RCS8/FTSCOAX: 100-20KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS8/TCOAX: 91 RCS8/FTSCOAX: 94
S.P.L. @ Full power Octave Bandwidth, dB	RCS8/TCOAX: 104 RCS8/FTSCOAX: 107
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS8/TCOAX: 87/89 RCS8/FTSCOAX: 88/89
Dispersion at 1k/2k Hz, Degrees	RCS8/TCOAX: 180/100 RCS8/FTSCOAX: 180/80
Directivity Axial Q factor, 1k/2k Hz	RCS8/TCOAX: 3.0 /6.5 RCS8/FTSCOAX: 5.5/8.6
Dimensions, diameter, mm	Ø280
Net weight, Kgs	RCS8/TCOAX: 1.85 RCS8/FTSCOAX: 2.93
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS8/TCOAX: Ø238 RCS8/FTSCOAX: Ø246

➤ RCS8/FTSCOAX is BS5839 Part 8 voice alarm compliant

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▶ **RCS8/TCOAX** ◀ **RCS8/FTSCOAX**

ROUND METAL CEILING LOUDSPEAKERS



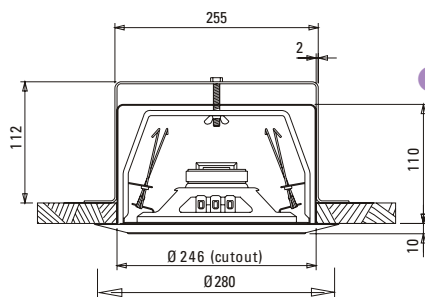
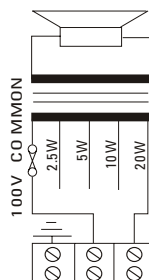
◀ **RCS8/TCOAX**

side view

unit: mm

▶ circuit diagram

RCS8/FTSCOAX



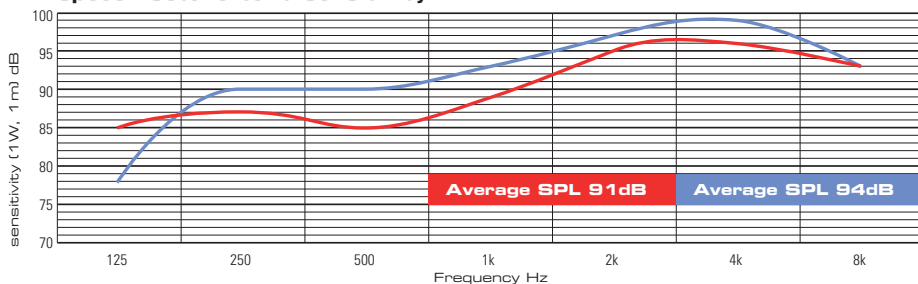
◀ **RCS8/FTSCOAX**

side view

unit: mm



speech octave band sensitivity



Effective Frequency Range

◉ **RCS8/TCOAX** 60Hz - 20KHz

◉ **RCS8/FTSCOAX** 100Hz - 20KHz



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ROUND PLASTIC CEILING Loudspeaker



➤ **PCL5/T**

TECHNICAL SPECIFICATIONS

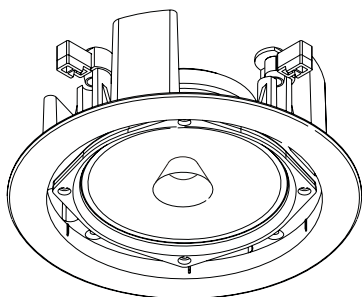
Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms, 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	100 – 17,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10kHz	83
S.P.L. @ Full power Octave Bandwidth, dB	91
Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB	83 / 81
Dispersion at 1k/2kHz, Degrees	180/150
Directivity Axial Q factor, 1k/2kHz	2.9/6.6
Dimensions, diameter, mm	Ø203
Net weight, Kgs	0.7
Colour/Finish	White
Material	Plastic Baffle ABS with UV inhibitors, Metal Driver Chassis & Grille
Mounting	Rotary compression clamps
Cut-out, mm	Ø168

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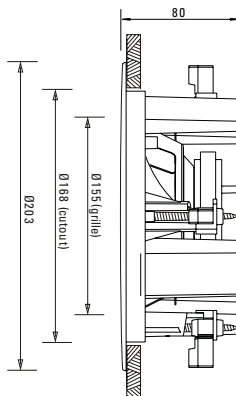
PCL5/T

ROUND PLASTIC CEILING LOUDSPEAKER

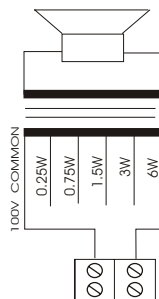
▼ isogonal view
unit: **mm**



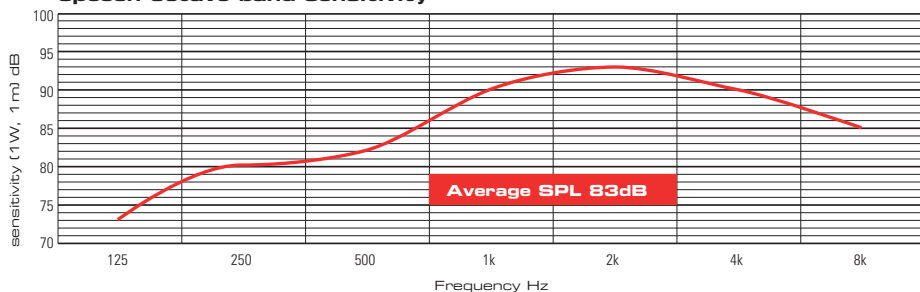
▼ side view
unit: **mm**



▼ circuit diagram



speech octave band sensitivity



Effective Frequency Range ● **PCL5/T** 100Hz - 17,500Hz



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ROUND PLASTIC CEILING Loudspeaker



➤ **PCL6/T**

TECHNICAL SPECIFICATIONS

Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms, 100V	1.67k/3.33k/6.66k/13.3k/39.9K
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	85 – 18,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10kHz	82
S.P.L. @ Full power Octave Bandwidth, dB	90
Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB	81 / 81
Dispersion at 1k/2k Hz, Degrees	180/120
Directivity Axial Q factor, 1k/2kHz	2.1/4.9
Dimensions, diameter, mm	Ø234
Net weight, Kgs	0.9
Colour/Finish	White
Material	Plastic Baffle ABS with UV inhibitors, Metal Driver Chassis & Grille
Mounting	Rotary compression clamps
Cut-out, mm	Ø194

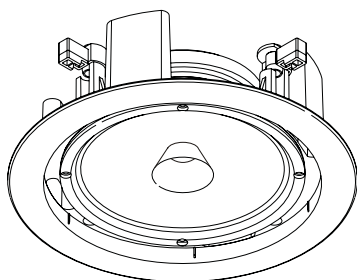
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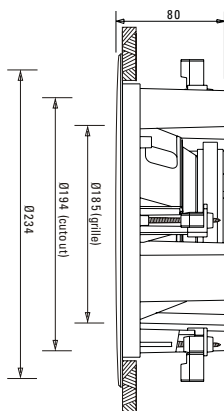
PCL6/T

ROUND PLASTIC CEILING LOUDSPEAKER

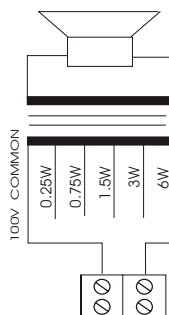
▼ isogonal view
unit: **mm**



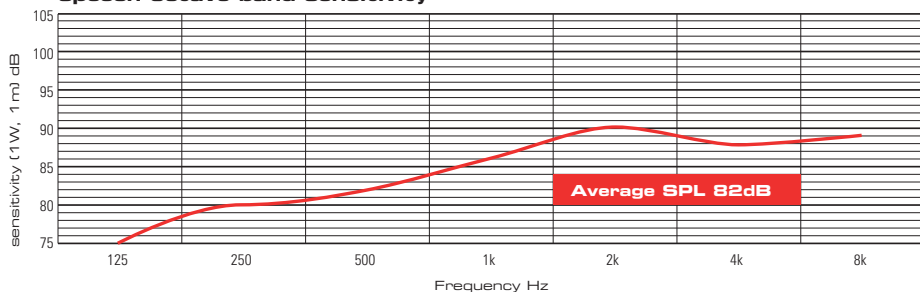
▼ side view
unit: **mm**



▼ circuit diagram



speech octave band sensitivity



Effective Frequency Range ● **PCL6/T** 85Hz - 18,500Hz



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PRO-SOUND CEILING

Loudspeakers



➤ **CCS4** ➤ **CCS4/T**

TECHNICAL SPECIFICATIONS

Rated power, Watts	30
Tappings 100 volt line, Watts	30/15/7.5/3.75
Transformer Impedance, Ohms, 100V	330/660/1.32k/2.64k
Tappings 70.7 volt line, Watts	15/7.5/3.75/1.875
Driver impedance, Ohms	16
Effective Frequency Range, Hz(BSEN60268-5)	65-19,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	86
S.P.L. @ Full power Octave Bandwidth, dB	101
Acoustic Power (dB-PWL@1 watt) 1k/2k Hz	86/88
Dispersion at 1k/2k Hz, Degrees	180/160
Directivity Axial Q factor, 1k/2k Hz	2.40/4.5
Dimensions, front and depth, mm	195.50 x 206.74
Net weight, Kgs	2.5
Colour/Finish	White
Material	Plastic Baffle ABS with UV Inhibitors
Mounting	Rotary Compression Clamp
Cut-out, mm	Ø168

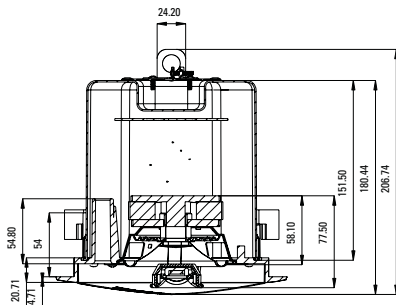
Mounting Baffle available on request

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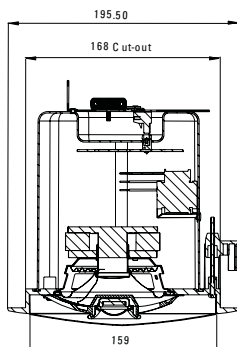
CCS4 CCS4/T

PRO-SOUND CEILING LOUDSPEAKERS

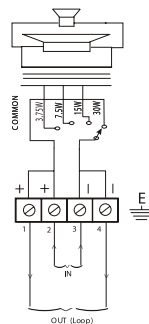
CCS4/T side view unit: mm



CCS4/T side view unit: mm

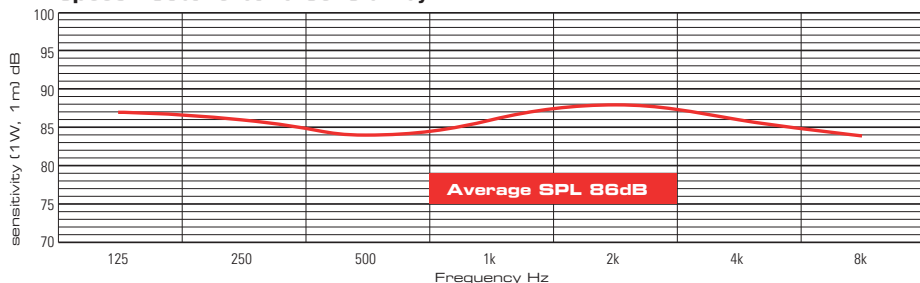


circuit diagram CCS4/T



CE

speech octave band sensitivity



Effective Frequency Range

CCS4/T 65Hz - 19.5KHz



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PRO-SOUND CEILING

Loudspeakers



➤ CCS6 ➤ CCS6/T

TECHNICAL SPECIFICATIONS

Rated power, Watts	60
Tappings 100 volt line, Watts	60/30/15/7.5
Transformer Impedance, Ohms, 100V	167/333/667/1.32k
Tappings 70.7 volt line, Watts	30/15/7.5/3.75
Driver impedance, Ohms	16
Effective Frequency Range, Hz(BSEN60268-5)	70-20,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	88
S.P.L. @ Full power Octave Bandwidth, dB	104
Acoustic Power (dB-PWL@1 watt) 1k/2k Hz	88/93
Dispersion at 1k/2k Hz, Degrees	180/160
Directivity Axial Q factor, 1k/2k Hz	2.3/6.9
Dimensions, front and depth, mm	263 x 214
Net weight, Kgs	3.5
Colour/Finish	White
Material	Plastic Baffle ABS with UV Inhibitors
Mounting	Rotary Compression Clamp
Cut-out, mm	Ø230

Mounting Baffle available on request

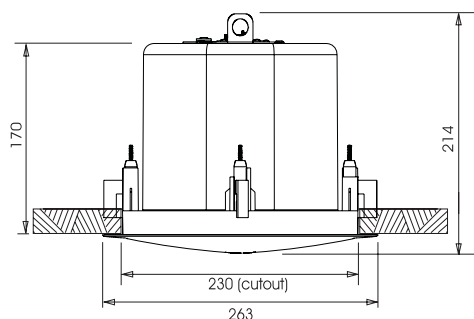
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CCS6

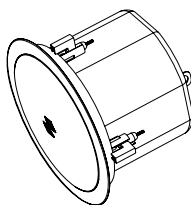
CCS6/T

PRO-SOUND CEILING LOUDSPEAKERS

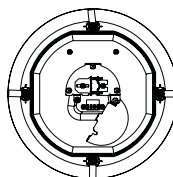
CCS6/T
side view
unit: mm



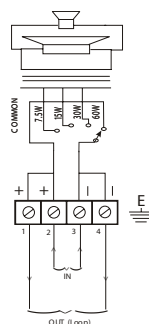
CCS6/T
isogonal
view



CCS6/T
rear view

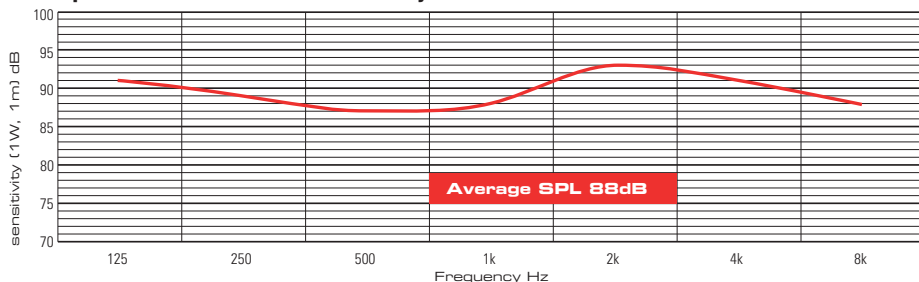


circuit
diagram
CCS6/T



CE

speech octave band sensitivity



Effective Frequency Range

CCS6/T 70Hz - 20KHz



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SOUND ENVIRONMENT

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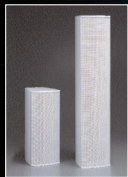
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