**300IWL C R6**

Product Data Sheet

- **Type**: 3-way In-wall
- **Drivers**: 2 x 6½" (16.5cm) Flax cone woofers. Controlled and articulated bass, for optimal fidelity. 4" (10cm) Flax cone midrange. Neutrality, intelligibility and definition of vocals. 1" Al/Mg inverted dome tweeter with Poron® suspension. Treble with extreme definition and precision.
- **Sensitivity (2.83V/1m)**: 92dB
- **Frequency response (+/-3dB)**: 40Hz - 28kHz
- **Low frequency point (-6dB)**: 33Hz
- **Nominal impedance**: 8 Ω
- **Minimal impedance**: 2.9 Ω
- **Recommended amplifier power**: 50 - 150W
- **External dimensions (HxWxD)**: 23⅜" x 8⅝" x 3⅜" (600 x 220 x 98mm)
- **Cut-Out diameter (HxL)**: 22⅛" x 7⅛" (568 x 191mm)
- **Depth from wall**: 3⅛" (93mm)
- **Net weight (with front grille)**: 12.4lbs (5.65kg)
- **Packing dimensions (WxDxH)**: 27⅞" x 12⅞" x 7⅜" (688 x 308 x 184mm)
- **Total weight (with packaging)**: 17.4 lbs (7.9kg)

**Key points**
- 3-way in-wall loudspeaker
- Easy and quick to install without tools
- LCR loudspeaker (left, centre and right) for uncompromising Home Cinema installations
- Adjustable mid-treble plate
- Speaker drivers designed and made in France by Focal
- Deep frequency response in the low end and high power handling
- Very balanced mid-range for improved intelligibility for Home Cinema set-ups
- Supplied with a magnetic grille and ready to paint to ensure perfect integration

**Technical Specifications**
Dimensions

Directivity Measurements

Horizontal (right)

Frequency Response

300IWLCR6 Speaker level Calculation Table

<table>
<thead>
<tr>
<th>Power/Distance</th>
<th>1 m</th>
<th>2 m</th>
<th>5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 W (2.83 V)</td>
<td>92</td>
<td>96</td>
<td>78</td>
</tr>
<tr>
<td>5 W (8.94 V)</td>
<td>102</td>
<td>96</td>
<td>88</td>
</tr>
<tr>
<td>10 W (12.6 V)</td>
<td>105</td>
<td>99</td>
<td>91</td>
</tr>
<tr>
<td>20 W (15.5 V)</td>
<td>107</td>
<td>101</td>
<td>93</td>
</tr>
</tbody>
</table>

Summary

<table>
<thead>
<tr>
<th>SPL (2.83 V/1 m) (dB)</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1kHz</th>
<th>2kHz</th>
<th>4kHz</th>
<th>8kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>92</td>
<td>90</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>88</td>
<td>87</td>
<td>90</td>
</tr>
</tbody>
</table>

| Opening Angle at -6dB  | 180°   | 180°   | 180°   | 180° | 180° | 180° | 180° |