

## ULS300 Luminance Source

**Exceptional uniformity:  $\pm 0.05\%$**

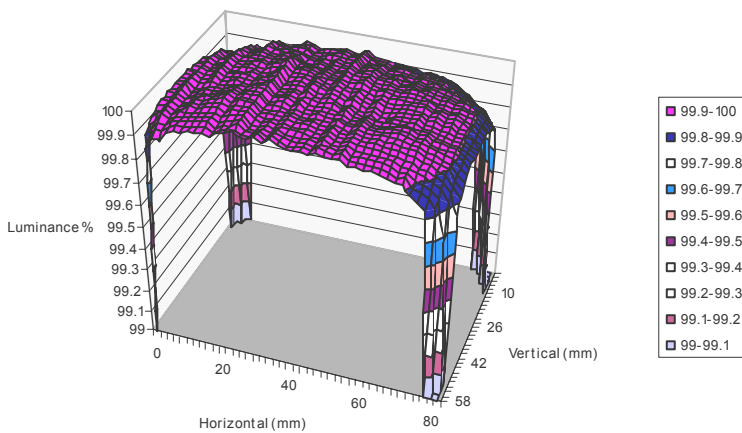
The ULS300 has been designed to cater for applications in which a variable, yet constant Colour Temperature, luminance source is required.

Using a stable 250W quartz halogen lamp, light is transported to a 300mm diameter integrating sphere via an 8-branch fibre for homogenous illumination.

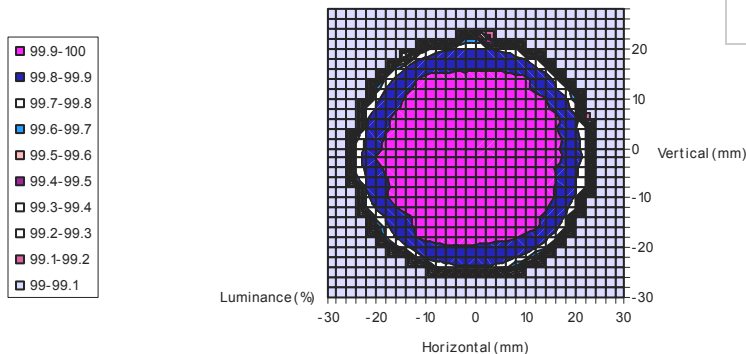


▼ 100mm port 5mm diameter measurement area

Luminance Uniformity



Luminance Contour



40mm port aperture 2mm diameter measurement area ▲

### Specification

<b>Luminance</b>	Continuously variable from $<30 \text{ cd m}^{-2}$ to $14500 \text{ cd m}^{-2}$
<b>Uniformity</b>	$\pm 0.05\%$ over 100mm diameter aperture, independent of luminance setting
<b>CCT</b>	3100K $\pm 20\text{K}$ variation over full luminance range
<b>Options</b>	<ul style="list-style-type: none"> <li>• Monitor detector with readout</li> <li>• SMA (or other) ports for coupling to spectroradiometer</li> <li>• Software control of luminance</li> <li>• Port reducers</li> </ul>