

**ULS300**  
Spectral radiance 300-1400nm



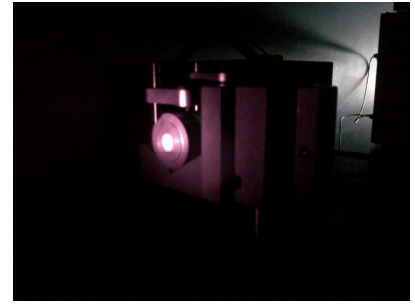
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# ULS300 Luminance Source

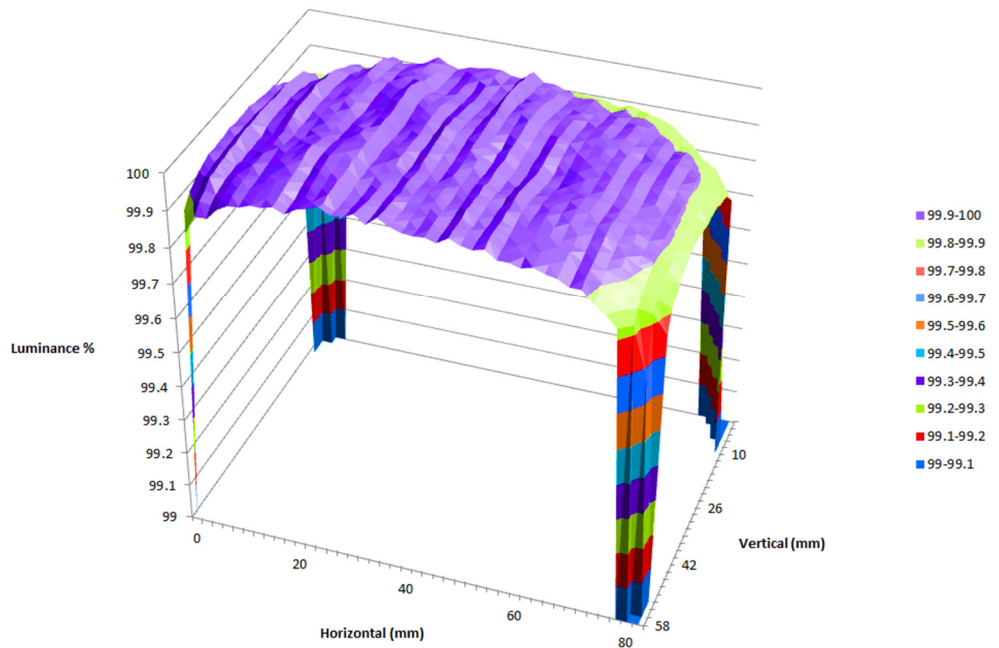
The ULS300 has been designed to cater for applications in which a variable, yet constant colour temperature, luminance source is required.

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

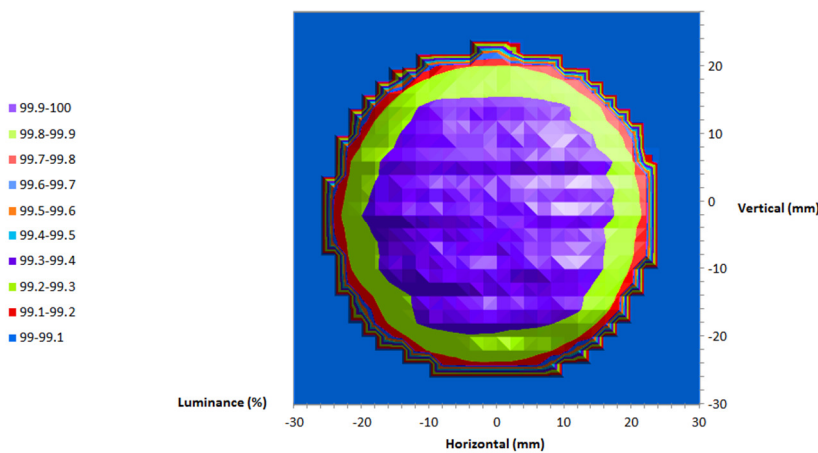


Lamp	
<b>Luminance</b>	Continuously variable from <math><30\text{ cd m}^{-2}</math> to 14500 $\text{cd m}^{-2}</math>$
<b>Uniformity</b>	$\pm 0.05\%$ over 100mm diameter aperture, independent of luminance setting
<b>CCT</b>	3100K $\pm 20\text{K}$ variation over full luminance range

**Luminance Uniformity**



**Luminance Contour**



## Options

- Monitor detector with readout
- SMA (or other) ports for coupling to spectroradiometer
- Software control of luminance
- Port reducers