

Measuring the Surface Luminance of Light Panels

Example: FDT - A1

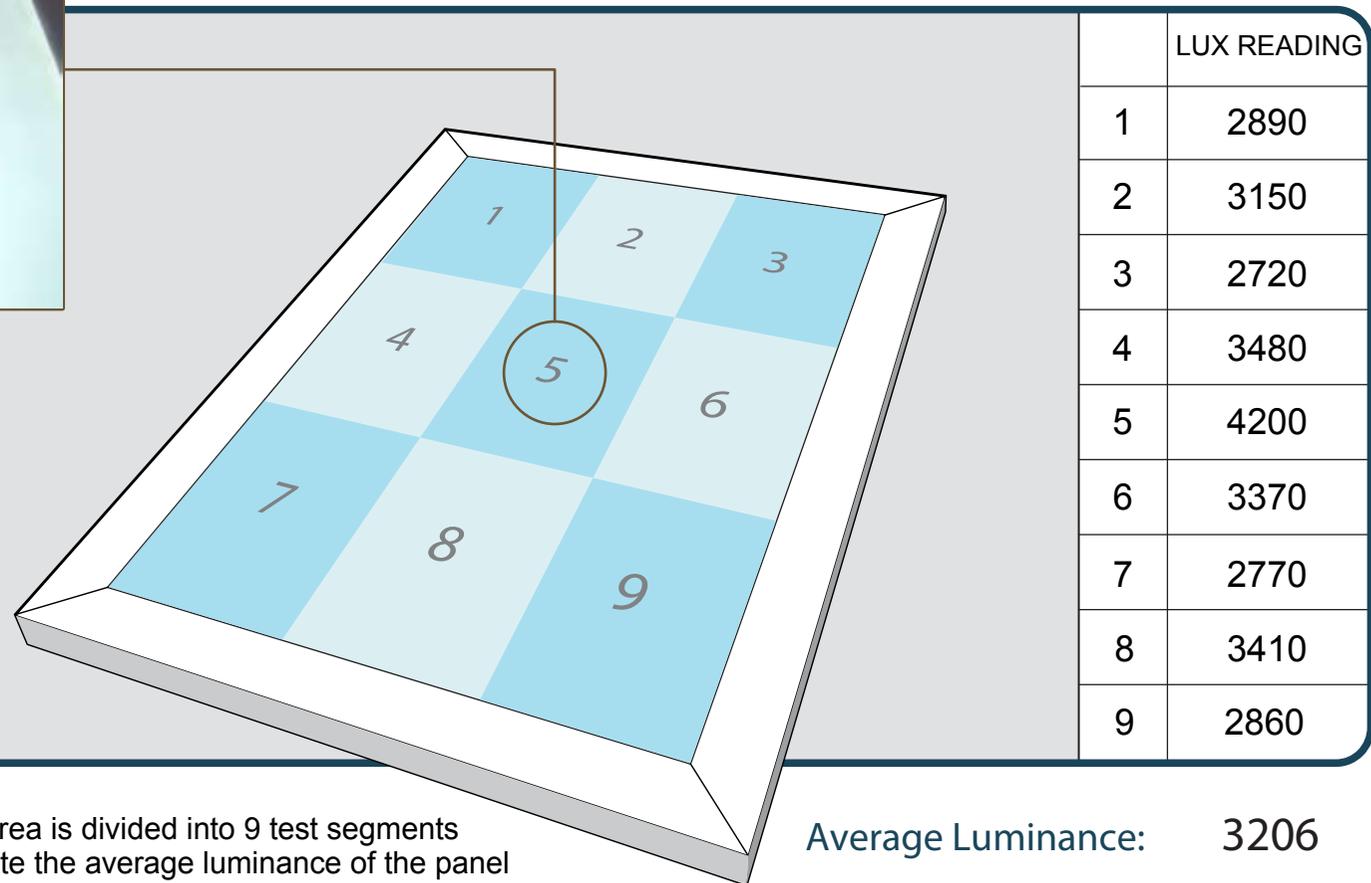
A Surface Luminance Test is used to measure the intensity of light emitted from each of our light panels. Measured in LUX (with one LUX being equal to one lumen per square metre) the test indicates the amount of visible light on the surface of the panel.



Nine readings are taken across the surface of a panel, the average of these readings being the average luminance of the panel. It is important to note that the figures for the centre of the light panel are slightly higher, meaning that graphics are slightly brighter in the centre.

The images and readings here are taken from an MDK Slimbright A2 light panel.

Using the light metre to measure the the centre position (see reading for position 5) of an MDK-A2. The light metre measures in *foot candles* (fc) - one foot candle being equal to 10 LUX, thus the reading of 420 fc equates to 4200 LUX.



The graphics area is divided into 9 test segments used to calculate the average luminance of the panel