

Light Level Measurements for NZ Department of Labour Compliance

The Department of Labour website contains light level compliance documentation, which identifies the limits and the method of measurement. Extech light meters are ideal for making measurements in accordance with AS/NZS 1680.2 series (Interior Lighting - Recommended Luminance's) and AS/NZS 1680.1:2006 (Interior and Workplace Lighting).

Light meters must be able to measure from 40 to 1600 lux to meet requirements of the entire workplace including passages, stairs and outside areas.

Recommendations:

If your workplace has a relatively constant light level, then the Extech EA31 or EA33 will likely meet your requirements. If there is significant variation in light levels over time, then the Extech HD450 datalogging light meter may be required.

Detector Response Time

If you are developing lighting using solid state devices such as LED's, you will need a light meter with a very fast detector response time to capture the peak light levels. The Extech HD400 and HD450 can be used for this application.

Please note RF Test Solutions have several different models available, so please let us know if you have specific requirements to meet.