VeriVide’s Colour Assessment Cabinets are an indispensable tool for colour assessment, colour quality control and comparisons of colour variation. The stability of our light sources give excellent viewing conditions for reliable colour critical decisions under standardised lighting. Ensuring agreement and consistency through global supply chains, helping to highlight product quality issues, such as metamerism, at the earliest opportunity.

VeriVide’s Colour Assessment Cabinets are designed to match the viewing conditions and spectral qualities of the standard illuminants as specified according to the ISO/CIE standards. They also conform to all major international standards for visual evaluation, including ASTM, AS, BSI, DIN and ISO.

VeriVide’s own specially designed daylight simulator is the only fluorescent light source to give accurate colour reproduction across the colour spectrum.

The CAC range is available in 3 sizes; 1500, 1200 and 600mm.

CAC60 Cabinet - 600mm
CAC120 Cabinet - 1200mm

Designed specifically for colour matching and evaluation of any material where precise control of colour is critical.

- Backlight LCD control panel with various features: servicing indicator, auto sequence, warm-up, power save and data storage facility.
- Options of 4 or 5 light sources including D50, D65, D75, 840, 830, CWF, F, A and UV, U35 and H also available.
- Interior Colour options: Grey Munsell N5, N7, VeriVide 5574.
CAC range lamp options

All cabinets are fitted with lamps as standard, which can be configured to your own requirements. The range of lamps within the viewing cabinet can vary, dependant on the application, from a single light source to a combination of 4 or 5 different light sources.

A typical combination includes: D65, Artificial Daylight – 860, (formerly TL84) a Point of Sale lamp - F, Tungsten Filament (typical home lighting) and UV, Ultra Violet Blacklight. Other types of lamp can be included on request.

For more detailed information regarding the lamp options please refer to our Lamp Options Datasheet or alternatively contact our sales team who will be happy to assist you.

Lamp usage

Lamps should be replaced after 2000 hours of use or annually. The control panel includes a service indicator to signify the number of hours usage for each individual light source.

The standard electrical supply is 220 V / 240 V (50 - 60 Hz). All other voltage supplies must be specified when ordering.

Positioning recommendations

For optimum results minimize the amount of stray ambient light or glare interfering with your visual assessments. We recommend windows near the Light Cabinet should be covered with a grey curtain. Direct light entering the field of view must be kept to minimum.

The lighting environment around the cabinet should have a light level of 200-300 Lux and the walls near the cabinet should be painted with a neutral grey paint comparative with Munsell Grey N7.

We would be pleased to offer advice regarding your own specific location.

CAC Range interiors

All our CAC range of Light Cabinets are finished as standard, with a neutral matt grey interior - ref. Munsell N5. Alternatively this colour can be changed upon request to Munsell N7 or VeriVide 5574.