

VeriVide

See in Truth



Colour Assessment Cabinets (CAC)

CAC light cabinets ensure global standardised colour assessment

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. This ensures agreement and consistency through global supply chains, helping to highlight product quality issues, such as metamerism, at the earliest opportunity.

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.

VeriVide's range of 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.

CAC Range Dimensions (mm)

		WIDTH	HEIGHT	DEPTH
CAC150	External Dimensions	1560	755	620
	Viewing Area	1530	570	585
CAC120	External Dimensions	1290	755	620
	Viewing Area	1260	570	585
CAC60	External Dimensions	710	545	420
	Viewing Area	680	360	380
CAC60 -5	External Dimensions	710	545	540
	Viewing Area	680	360	495



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 – 840, (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.

VeriVide Accessories



CAC60 Cabinet fitted with Diffuser



Fixed Angle Table

Diffusers

Diffusers are recommended when assessing highly specular materials such as paint, glass, polished surfaces and ceramics. These can also be used to create a barrier between light source and viewing area to prevent contamination - for example of food product.

Dimmable

If a variable intensity of light is required or specified, an electronically controlled Dimmable option is offered.

Observation tables

Two types of observation table can be supplied; the Tilting Table, which allows variable angles of observation and the Fixed Angle Table. The Tilting Table is useful for observing surface coatings, metallic and pearlescent materials at a variety of angles. The Fixed Angle Table offers a 45° observation angle in accordance with ISO 105 for the assessment of colour fastness, suitable for a variety of applications.

Benches and planning tables

Benches are also available, allowing you to position your cabinet at the optimal observation height when used in conjunction with a VeriVide cabinet. Benches with plan drawers can also be supplied. (Further details on our Accessories Datasheet).

VeriVide is committed to innovation in colour assessment and quality control. From constructing bespoke standardised viewing environments to developing new lighting products to meet industry standards, improving your quality and productivity is always our priority.

VeriVide is BS EN ISO 9001 : 2015 assessed and registered. All our colour assessment and measurement equipment is made in the UK. Design and specification subject to change without notice.



For further technical information visit: www.verivide.com



Scan the QR code on your mobile device to go directly to our website

Tel: +44 (0)116 284 7790
Email: sales@verivide.com

VeriVide Limited,
Quartz Close, Warrens Business Park,
Enderby, Leicester LE19 4SG UK