



Colour Assessment Cabinets CAC-LED (P.O.S)

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.

A range of LED options are now available to accurately replicate LED Point of Sale (P.O.S) lighting to a tight tolerance. The stability and longevity of our light sources creates 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.

CAC-LED 60-5 cabinet - 600mm



CAC-LED 120-5 cabinet 1200mm

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

- ▶ A number of LED options available to closely match your LED P.O.S lighting.
- ▶ Traditional light sources available include: D50, D65, D75, 840, U35, 830, CWF, UV, F.
- ▶ Backlight LCD control panel with various features: servicing indicator, auto sequence, warm-up, power save and data storage facility.
- ▶ 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 industry leading daylight simulator gives accurate colour reproduction across the colour spectrum. Our unique LED technology eliminates distracting shadows (fringing) in the assessment area, whilst providing lighting to an internationally recognised standard for 3000/3500/4000K sources. Let us know what your requirements are and VeriVide will seek to closely match your current P.O.S lighting environment.

Why Choose VeriVide CAC-LED

VeriVide's new LED technology works to tighter tolerances than other aftermarket LED alternatives and does not suffer from the fringing effect associated with alternative systems. VeriVide LED technology also avoids traditional concerns with flickering, which disrupts visual assessment and the operator's ability to make accurate colour decisions.

The CAC-LED range is available in 2 cabinet sizes.



Lamp deck - CAC-LED 60-5



VeriVide LED Module

Replicates Point of Sale LED Lighting

Visualise and assess samples exactly as they appear in modern LED lit stores. Retail lighting is changing rapidly with eco friendly LED's increasingly replacing fluorescent lighting. This poses a challenge to retailers and their supply chains which is now met by VeriVide's

CAC-LED visual assessment range, which for the first time incorporates a range of tight tolerance LED light sources.



CAC-LED Range Lamp Options

Lamp options can be configured to your own requirements. The range of lamps within the viewing cabinet varies, dependant on the application.

A typical combination includes:

- ✦ D65 Artificial Daylight
- ✦ 840P15 (formerly TL84), a fluorescent Point of Sale lamp
- ✦ LED P.O.S light source at 4000K
- ✦ F Tungsten Filament (typical home lighting)
- ✦ 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 for fluorescent options or alternatively contact our sales team who will be happy to assist you with any LED requirements.

Lamp usage

Fluorescent lamps should be replaced after 2000 hours of use or annually. LED modules can last up to 10x longer, however they should be assessed and measured annually by a trained technician to confirm conformance. 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.

CAC-LED Range Interiors

All our CAC-LED 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.

CAC-LED Range Dimensions (mm)

		WIDTH	HEIGHT	DEPTH
CAC-LED 120-5	External Dimensions	1290	755	620
	Viewing Area	1260	570	585
CAC-LED 60-5	External Dimensions	710	545	540
	Viewing Area	680	360	495

VeriVide Accessories

Diffusers

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

Dimmable

If a variable intensity of light is required or specified, an electronically controlled Dimmable option is offered. However, this only applies to the Fluorescent and Filament technology and does not apply to the LED POS.



CAC-LED 60-5 with Diffuser and Fixed Angle Table

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 lockable angles. The Fixed Angle Table offers a fixed 45° observation angle in accordance with ISO 105 for the assessment of colour fastness, and is 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

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