



CCC Colour Control Cabinet viewing booth

Consistent viewing for pre-press and press

Many complaints and problems in the printing industry – particularly where accurate colour is critical – can be traced back to the use of either non-standard lighting or inconsistent viewing conditions.

The VeriVide Colour Control Cabinet (CCC) eliminates both problems.



VeriVide Light Cabinets are used for colour assessment in a wide array of industries by major organisations such as M&S, Nike, Adidas, Unilever, and Proctor & Gamble.

Our Light Cabinets are used extensively within the graphic arts and printing industries, in companies where colour accuracy is critical, such as Taylor Bloxham, one of the UK's largest independent litho printers.

This datasheet is intended for general guidance only; you may have specific needs, which we can cater for.

As global leaders in colour assessment technologies, VeriVide can give expert guidance on your specific colour assessment lighting needs. This can include advice on the ISO 3664:2009 compatibility of your total viewing environment.

BE IN CONTROL OF YOUR COLOUR

VeriVide's Colour Control Cabinet (CCC) is the result of extensive consultations with print industry experts.

It provides viewing conditions to ISO 3664:2009 standard for the assessment of colours, ink weight, register and dot gain. It also provides an ideal environment for presentations to your customers.

WHY YOU NEED CONTROLLED LIGHTING FOR VISUAL ASSESSMENT

ISO 3664:2009 states that differences in illumination and viewing conditions can cause corresponding differences in the perceived colour of substrates, reproductions or artwork. These differences can lead to disagreements about colour reproduction and processing.

The solution is to control colour throughout your process. This prevents colour problems which may not only cost you time and money, but may also jeopardise customer relationships.

If accurate colour is important to you and your clients, you need to be confident that your printed work is always viewed in controlled and consistent lighting conditions.

CCC GIVES CONSISTENT, CONTROLLABLE LIGHTING

Designed following extensive print industry consultation, the CCC offers viewing conditions to ISO 3664:2009 standard. Not only does it make your own colour assessments much more accurate - it also provides an ideal environment for presentations to your customers. It enables them to appreciate the accuracy of colours, subtleties of tone and detail within shadow areas.

The CCC is available in three sizes, with viewing decks of 1500 mm, 1200 mm, or 600 mm to accommodate a variety of large printed sheets.

ILLUMINATION

The CCC can optionally be fitted with two levels of illumination to comply with ISO3664:2009. If that is required, please order the dimmable version of the CCC. Otherwise, CCC units are fitted as standard with high level illumination.

➤ HIGH LEVEL ILLUMINATION

High level illumination is better at revealing small colour differences between your proof and press sheet. Identifying them is essential to the control of your printing operation.

A high level of illumination is also necessary for graphic technology to allow reliable plan chest comparison between the original artwork and your printed proof.

➤ LOW LEVEL ILLUMINATION

A lower level of illumination is used to appraise the tone scale of your printed output. This is because lower illumination levels are considered closer to the ambient lighting conditions in which printed work will be viewed by end users.

LIGHT SOURCE OPTIONS

The CCC is fitted as standard with a single light source - the daylight illuminant D50 (5000K), a requirement of ISO 3664:2009.

Some viewing applications may require additional light sources which can be fitted in various combinations to meet specific requirements. These are:

- Daylight - D65 (6500K)
- 840P15 point of sale illuminant
- Ultraviolet - important to control the colour of paper and other substrates, enabling detection of fluorescent levels.

CONTROL PANEL

To optimise consistency of viewing conditions the CCC unit's control panel includes a time-metering device to measure and record the number of times each lamp is switched on, and the hours of usage for each lamp. This is a requirement of ISO 3664:2009.

The time-metering device also counts down the days until the next service due date, triggering a 'Service Due Soon' message 30 days beforehand and a 'Service Due' message when the service interval has elapsed.

VIEWING CONDITIONS

A unique feature is the neutral grey concave viewing deck that eliminates specular reflection, allowing accurate quality control of colour. Proof sheets can be held in place on the curved metal deck using magnets provided.

The CCC can optionally have a diffuser fitted to reduce specular reflection, and a backlight display. This makes the cabinet ideal for use in darkened room for your presentations to your customers. It also helps to minimise visual distraction, as viewers look at the effect of the lamps without the distraction of seeing the lamps themselves.

To ensure that you and your customers can assess your prints at the optimum height and viewing angle, VeriVide offers a range of Benches and Plan Chests

designed specifically for the CCC range of cabinets.



DIMENSIONS (MM)		WIDTH	HEIGHT	DEPTH
CCC 150	OVERALL:	1560	1085	620
	USABLE DECK	1530	985	
CCC 120	OVERALL:	1290	1085	620
	USABLE DECK	1260	985	
CCC 60	OVERALL:	710	1085	620
	USABLE DECK	680	985	

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 : 2008 accredited. All our colour assessment and measurement equipment is made in the UK. Design and specification subject to change without notice.

VeriVide
See in Truth

For further technical information
visit: www.verivide.com



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