

Colour Control Cabinet

Consistent and standardised viewing booth to ensure agreeability and accurate colour communication throughout the supply chain.



CCC60



CCC120

Created in collaboration with PIRA for the graphic, arts and print industry, Colour Control Cabinets (CCC) provide standardised viewing conditions for colour assessment of prints, proofs, ink weight, register, dot gain and photographic transparencies.

As global leaders in colour assessment, 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. The CCC provides viewing conditions to ISO3664:2009 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 can 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 Range Dimensions (mm)

		WIDTH	HEIGHT	DEPTH
CCC 60	Overall	710	1085	620
	Usable Deck	680	985	
CCC 120	Overall	1290	1085	620
	Usable Deck	1260	985	

CCC gives consistent, controllable lighting

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 two sizes, with viewing decks of 1200mm or 600mm 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.



CCC 60



CCC 120



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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.

VeriVide Ltd is a company registered in England and Wales with company number 827815. Registered Office: VeriVide Ltd, Quartz Close, Warrens Business Park, Enderby, Leicester, LE19 4SG. United Kingdom.



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