



ANDEREN LIMITED



Registered in England number 4514202



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Colour Assessment Cabinets (CAC)

Overview

A viewing box to simulate various light conditions used in various resistance tests on tableware and tiles

Details



VeriVide's Colour Assessment Cabinet (CAC) offers immediate colour viewing in consistent, controllable lighting conditions. CACs remove problems caused by the variability of natural daylight, and are a highly cost-effective way to ensure colour accuracy and product quality. Meet or surpass ISO 3664 and BS 950 Part 1.

Available with a choice of light source, customised to your needs.

3 widths: 60, 120 and 150cm.

Incorporate advanced features include servicing indicator, auto sequence, warm-up, power save and data storage facility.

VeriVide's CAC range provide the best fluorescent D65 daylight simulator, with the highest Colour Rendering Index (CRI), available to the colour viewing world.

VeriVide CACs are known by many names in different businesses, such as light boxes, viewing booths, colour cabinets, and are used within a wide array of industry sectors throughout the world including textile and apparel, graphics, automotive, ceramics, cosmetics, food, footwear, packaging and printing. 4-light source CACs can accommodate up to 4 light sources.

Registered in England number 4514202: VAT number GB 900 7819 34

Registered Office: Anderen Ltd 85 Blurton Road, Stoke-on-Trent, ST3 2BS, UK

Tel: +44 (0) 1782 326027

Email: info@ceramictestingequipment.co.uk www.ceramictestingequipment.co.uk

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The light sources can be specified by you, to meet your needs and requirements. A typical cabinet includes UV and F with a choice of two other light sources - usually D65 and one 'point of sale' light source such as D652, 840, 830 or Cool White. If required A or H can be supplied instead of F.

CAC 60, CAC 120 and CAC 150 accommodate 60, 120 and 150cm tubes respectively

Either 4 or 5 light sources available for each model including D65, D50, 840P15, F and UV

Internal finishes in Munsell N5, Munsell N7 or Grey 5574

Diffuser and/or dimmer options available

VeriVide D65 "Artificial Daylight". Correlated colour temperature 6500K. Within the tolerances prescribed in BS 950: Part 1; and all international specifications for D65 illuminant. Specified for most applications where there is a need to maintain colour consistency and quality. Conforming highly to the CIE specifications, for accurate colour matching

Tungsten Filament Lighting (F). Approximate colour temperature of 2800K. Required by BS 950: Part 1 as a test for metamerism (approximating CIE Illuminant 'A'). Typical light source used within domestic environments.

CAC 60-4 & CAC 60-5

Dimensions 710mm (W) x 545mm (H) x 420mm (D)

Overall Viewing Area 680mm (W) x 360mm (H) x 380mm (D)

CAC 120-4 and CAC 120-5

Dimensions 1290mm (W) x 755mm (H) x 620mm(D)

Overall Viewing Area 1260mm (W) x 570mm (H) x 620mm (D)

CAC 150-4 and CAC 150-5

Dimensions 1560mm (W) x 755mm (H) x 620mm(D)

Overall Viewing Area 1530mm (W) x 570mm (H) x 620mm (D)

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CIE Daylight Illuminants							
Light Source	Name	Lamp Description	C.R.I.	Length	Watts	Diam	Product
D65	VeriVide D65 "Artificial Daylight"	VeriVide D65 "Artificial Daylight". Correlated colour temperature 6500K. Within the tolerances prescribed in BS 950: Part 1; and all international specifications for D65 illuminant. Specified for most applications where there is a need to maintain colour consistency and quality. Conforming highly to the CIE specifications, for accurate colour matching.	98	600mm 1200mm 1500mm	18w 36w 58w	T8 T8 T8	600D65 1200D65 1500D65

CIE Illuminant 'A'							
Light Source	Name	Lamp Description	C.R.I.	Length	Watts	Diam	Product Code
'F'	Tungsten Filament	Tungsten Filament Lighting. Approximate colour temperature of 2800K. Required by BS 950: Part 1 as a test for metamerism (approximating CIE Illuminant 'A'). Typical light source used within domestic environments.	100	Globe Globe Round Clear- 284mm Opal- 284mm	40w 60w 150w 60w 60w	45mm 45mm - - -	40G450 60G450 150FILO 28460CL 28460OP

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