

VeriVide



Colour Assessment Cabinets

VeriVide, the industry leaders, introduce their latest range of equipment for the visual assessment of colour in accordance with BS950:Part 1 directives. Suitable for all industries and applications where there is a need to maintain colour consistency and quality – e.g. Automotive, Ceramics, Cosmetics, Dyeing, Foodstuffs, Footwear, Furniture, Inks, Knitwear, Leather, Ophthalmic, Packaging, Printing and Textile.

The CAC range incorporates membrane switching with electronic ballast control of the illuminants. These features ensure optimum consistency of viewing conditions and permit the combined use of 26mm and 38mm lamps.

CE approved to EN 55015.



VeriVide

Dimensions (mm)

| | | Width | Height | Depth |
|-----------------|----------------|-------|--------|-------|
| CAC150 | Overall | 1560 | 780 | 620 |
| | Viewing Cavity | 1520 | 570 | 590 |
| CAC120 | Overall | 1300 | 780 | 620 |
| | Viewing Cavity | 1260 | 570 | 590 |
| CAC60 | Overall | 710 | 570 | 420 |
| | Viewing Cavity | 680 | 360 | 380 |
| Portable | Overall | 670 | 415 | 310 |
| | Viewing Cavity | 630 | 275 | 280 |
| | Closed | 670 | 315 | 140 |

Switch Identification

| | |
|----------------------------|--|
| 01 | Mains on/off. |
| D65 | VeriVide "Artificial Daylight" fluorescent lamps conforming to the international Standard Illuminant D6500 within the tolerances prescribed in BS950:Part 1. |
| D65₂ | Additional level of "Artificial Daylight" for colours of low reflectance factor. Switches D65 and D65 ₂ must be depressed together. |
| TL83 TL84 | Philips Triphosphor fluorescent lamps often chosen as a "Point of Sale" illuminant. |
| F | Tungsten Filament lighting required by BS950:Part 1 as a test for metamerism. (CIE Illuminant 'A'). |
| UV | Ultra Violet Blacklight to reveal the presence of fluorescent dyes and bleaches. |

*Alternative fluorescent lamps can be incorporated if required but three fluorescent light sources plus filament is the maximum for the CAC150, CAC120 and CAC60. The **CAC Portable** can be supplied with the addition of one extra fluorescent source selected from the following: D75, D50, TL83, TL84, Cool White, Natural, Warm White. When ordering, please state which lamps are required.*

Product Order Code (Model Type & Lamp Configuration)

| CAC 150 | CAC120 | CAC60 | Portable (also see above) |
|----------------------|----------------------|----------------------|-------------------------------------|
| D65 ₂ FUV | D65 ₂ FUV | D65 ₂ FUV | |
| D65TL84FUV | D65TL84FUV | D65TL84FUV | D65TL84FUV |
| D65TL83FTL84 | D65TL83FTL84 | D65TL83FTL84 | D65TL83FTL84 |
| D65TL84FTL83 | D65TL84FTL83 | D65TL84FTL83 | |
| D65TL83FUV | D65TL83FUV | D65TL83FUV | D65TL83FUV |
| | D65UVFUV | D65UVFUV | |

Cabinet Interior

All cabinets are normally supplied with the interior coloured grey Ref: 14.40D but they can be supplied with an alternative, Munsell grey N5, if this preference is specified on the order.

Other Optional Items

Diffusers are available for the CAC 60, 120 and 150 cabinets, but should be used only when highly specular materials are to be assessed. Add /D to product order code.

Tilting table, to fit the CAC 60, used in testing for metallic metamerism i.e. vehicle finishing, surface coating, metallic foil

manufacture. Add /TT to product order code.
45° Fixed Angle Table to fit the CAC 60 cabinet. Add /T45 to product order code.

Electrical Notes

All cabinets are supplied complete with lamps. It is important that the cabinet is earthed. Electronic ballast control is suitable for 220v or 240v (50-60 Hz). Any other voltage requirements must be specified on the order. Lamps should be changed every 2000 hours as indicated on the time elapsed meter which will zero after 10,000 hours.

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CAC 120



CAC 60



Portable

Cabinet Location

For best results, glare, extraneous light and anything which will maladapt the visual response must be avoided. Any window near the cabinet should be fitted with grilles/blinds. No direct light should be in the field of view and the general lighting in the vicinity should also be "Artificial Daylight" a level of 200-300 lux. The wall area behind the cabinet should be finished in light grey emulsion BS 00A01. These measures will ensure comfortable and accurate color appraisal.