

Summary:

This standard light box can accommodate up to 6 light sources. The Color assessment cabinet can be applied to the industries that need to perform color difference testing as follows: as the premiere designer and manufacturer of color viewing and lighting products for the Graphic arts, Photographic, Textile, Dyeing, Packaging, Printing, Leather, Inks, Knitwear, Plastic, Automotive and Ceramics industries.



Application:

Colors appear differently under different lighting sources. To avoid/reduce the assessment error when performing color contrast, we can make use of a Light Booth / Viewing Booth / Color Light Box to simulate different light sources to obtain an objective assessment of color and color difference, anytime, anywhere.

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Features:

Color assessment cabinet / Color Viewing Cabinet / Color View Light Booth render color more accurately. With 6 different light sources(D65, TL84, CWF, TL83/U30, F, UV), which can detect the metameris.

- Ø Meets or exceeds major international standards for visual color evaluation including: ASTM D1729, ISO3664, DIN, ANSI and BSI.
- Ø Easy to operate by using individual switches for each light source.
- Ø Elapsed time meter for tracking optimal lamp replacement.
- Ø Automatically alternating among light sources.
- Ø No warm-up time or flickering which insures quick and reliable color judgment.
- Ø Economic power consumption and low heat generation for high light efficiency.
- Ø The dimension can be made by customized.

Light sources:

Light Source	Color viewing booths Application	Color temperature (K)	Power(W)
D65	International standard Artificial Daylight	6500	18
TL84	Applied to stores in Europe, Japan and China	4000	18
CWF	(Cool White Fluorescent) American Standard	4150	18
F/A	"Sun-setting Light Yellow" incandescent light source (imitation of sunset)	2700	40
UV	Viewing under ultraviolet light to detect and evaluate optical brighteners or fluorescent pigments.	Wavelength: 365nm	20
U30	Warm White Fluorescent, American Standard	3000	18