

Pantone 3 Light Booth



Lighting the Way to Accurate Color

In manufacturing and quality control across all industries, accurate color is important. When color does not meet specifications, the result is increased cost and time to market, and more rejects and rework. That's why it is important to have good processes in place for visual evaluation of color. One way to improve consistency is by ensuring that color is viewed under the best possible lighting conditions.

For optimum results, samples should be examined using a light booth that offers a variety of lighting conditions to enable you to determine how your color will look in the factory, as well as outside, in a fluorescent-lit store, in a home environment, or wherever else your products will be seen once they enter the world.



Count on Pantone

The Pantone 3 light booth is a high quality entry level light booth with stylish design that fits equally well into office or manufacturing environments. With the Pantone 3 light booth, you will improve quality control operations by:

- Achieving better color evaluation of materials and products with consistent lighting from 3 commonly used light sources.
- Having a neutral background for accurate color viewing
- Taking advantage of multiple options for lamp replacement, designed to be as convenient as possible and ensuring maximum up-time.

Color Critical

The Pantone 3 light booth is ideally suited for visual evaluation of color critical applications. When colors don't match during final product assembly, or from batch to batch or lot to lot, the result is rejection and waste. By making the Pantone 3 light booth an integral part of your visual evaluation process – in the office or lab, on the production floor or during quality assurance – you can ensure that customers will be delighted with the color outcome.

Learn More
www.xrite.com/pantone-3-light-booth

Find the Right Match!

The brand-new Pantone 3 light booth is a cost-effective light booth featuring a superior aesthetic design. Its three light sources deliver:

- Consistent fluorescent illumination that complies with major international standards such as ISO, ASTM, DIN, ANSI and BSI visual assessment requirements. Options include CWF, TL84, U35 or U30 store lighting simulation bulbs.
- Dedicated D50 light source for print and packaging applications or dedicated D65 light source for industrial applications.
- Easy installation of replacement lamps, on your own or by an X-Rite technician.
- Optional pre-certified lamp packs that include a calibration certification. Install them yourself or contact an X-Rite technician for assistance.

Consider Metamerism

Metamerism is a phenomenon that occurs when objects match in one light source, but not in another. This commonly occurs when dyes, paints or pigments are changed during production. To check for metamerism, view your samples under a variety of different light sources. The Pantone 3 light booth includes tungsten (A) (home) lamps, the primary light source used for metamerism comparison, as well as a choice of two additional light sources.

Pantone 3's reliable and consistent light sources deliver non-failing daylight, store and home lighting options that will help you adequately identify color variations and metamerism effects early, saving time and money with fewer approval rounds, and less rejects and rework.

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Pantone 3 Specifications

Model	Pantone 3
Dimensions (H x W x D)	19.7 in x 27.1 in x 16.5 in / 50 cm x 69 cm x 42 cm
Viewing Area (H x W x D)	13.8 in x 27 in x 15.6 in / 35 cm x 68.5 cm x 39.5 cm
Weight	66.1 lbs / 30Kgs
Electrical	Multi Voltage 100, 115, 127, and 230
Material	Aluminum
Total Light Sources	3
Daylight 5000K	Option 1
Daylight 6500K	Option 1
"A" Tungsten Halogen (home light)	✓
Cool White Fluorescent	Option 2
TL84	Option 2
U30	Option 2
U35 Fluorescent	Option 2
Cabinet Color	Munsell N7
Switch Panel	Rocker
Lamp Timer	Prime source
Recommended hours	2000

Quick Guide to light sources:

D50: Noon sky daylight for graphic arts applications.

D65: Average north sky daylight for industrial color management, such as: automotive, consumer electronics, appliances, textile and apparel, home furnishings and others.

Cool White Fluorescent/TL84/U30/U35: Simulates office, in-store, or showroom floor lighting.



DAYLIGHT



STORE



HOME

For Added Convenience ...

X-Rite offers a range of on-site and depot services for your X-Rite light booth. If your light booth needs new lamps, servicing or recertification, simply contact your local X-Rite representative to determine the most convenient approach.

Own an X-Rite Judge II Light Booth?

D50 replacement lamps are now available! We're happy to work with you to upgrade your Judge II light booth to the newer Judge QC. But if you are not ready to do that, contact us to order replacement D50 lamps for your Judge II light booth.