

## Pantone P5D65840

# Pantone 5-Light Booth P5D65840 User Manual

Model: P5D65840

## 1. INTRODUCTION

The Pantone 5-Light Booth P5D65840 is a specialized color assessment cabinet designed to provide consistent and controlled lighting environments for accurate color evaluation. This device allows users to observe how colors appear under various standard light sources, helping to identify metameric effects and ensure color consistency across different viewing conditions. It is an essential tool for professionals in industries such as printing, manufacturing, and textiles where precise color matching is critical.

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Pantone 5-Light Booth.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the Pantone 5-Light Booth. Retain this manual for future reference.

- **Electrical Safety:** Ensure the power source matches the voltage requirements specified on the product label (120 Volts). Do not operate the unit with a damaged power cord or plug.
- **Placement:** Place the booth on a stable, level surface. Ensure adequate ventilation around the unit to prevent overheating.
- **Handling:** The unit contains fluorescent lamps. Handle with care to avoid breakage.
- **Indoor Use Only:** This product is designed for indoor use in a controlled environment.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Avoid abrasive cleaners or liquids that could damage electrical components.

## 3. WHAT'S INCLUDED

Upon unpacking, verify that the following components are present:

- Pantone 5-Light Booth Unit
- Power Cord
- User Manual (this document)

## 4. SETUP

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Follow these steps to set up your Pantone 5-Light Booth:

1. **Unpack the Unit:** Carefully remove the light booth from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Position the light booth on a sturdy, flat surface in an area free from direct sunlight or other strong ambient light sources that could interfere with color assessment. Ensure sufficient space for air circulation.
3. **Connect Power:** Plug the power cord into the designated power input on the back of the unit, then plug the other end into a standard 120V AC electrical outlet.
4. **Initial Inspection:** Before first use, ensure all lamps are securely seated.



Image 1: The Pantone 5-Light Booth with a color swatch book placed inside for assessment.

## 5. OPERATING INSTRUCTIONS

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The Pantone 5-Light Booth features a control panel with buttons to select different lighting conditions. Each setting is designed to simulate a specific environment for accurate color evaluation.



Image 2: Control panel of the Pantone 5-Light Booth, showing buttons for various light settings.

## 5.1. Light Settings

- **Daylight (D65):**

This setting simulates standard daylight with a color temperature of 6,500K. It is ideal for assessing colors as they would appear under natural outdoor light, such as morning or late afternoon horizon light. Use this setting for general color evaluation where natural light conditions are the primary concern.



Image 3: Objects viewed under the D65 Daylight setting.

- **Store 1 (CWF - Cool White Fluorescent):**

This setting replicates typical fluorescent lighting found in many retail stores and industrial environments in the USA. It helps to evaluate how products will appear to consumers under common commercial lighting conditions.



Image 4: Objects viewed under the CWF Store 1 setting.

- **Store 2 (TL84):**

This setting simulates another common fluorescent lighting condition, often found in European and Asian retail environments. It is useful for assessing products intended for international markets.



Image 5: Objects viewed under the TL84 Store 2 setting.

- **Home (A - Tungsten):**

This setting reproduces typical residential incandescent lighting, often referred to as 'Home A' illuminant. It allows for the evaluation of colors as they would appear in a home environment, which is crucial for products like textiles, paints, and home decor.



Image 6: Objects viewed under the Home A setting.

- **UV (Ultraviolet):**

The UV setting allows for the detection of optical brighteners or fluorescent dyes present in materials. These additives can significantly alter the appearance of colors under natural light, making UV assessment important for quality control.



Image 7: Objects viewed under the UV setting.

## 5.2. General Operation

1. Place the item(s) to be assessed inside the booth.
2. Press the desired light source button on the control panel. The corresponding indicator light will illuminate.
3. Observe the color of the item under the selected light.
4. Switch between different light sources to identify metamerism or color shifts.
5. When finished, turn off the light booth by pressing the power button or disconnecting the power cord.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and accuracy of your Pantone 5-Light Booth.

- **Cleaning:** Keep the interior and exterior surfaces of the booth clean. Use a soft, lint-free cloth to wipe down surfaces. For stubborn marks, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Ensure no liquid enters the electrical components.
- **Lamp Replacement:** The fluorescent lamps have a limited lifespan. When a lamp begins to flicker, dim, or fails to illuminate, it should be replaced. Refer to the specifications for correct lamp types. Always disconnect power before attempting lamp replacement.
- **Storage:** When not in use for extended periods, store the booth in a clean, dry environment, protected from dust and extreme temperatures.

## 7. TROUBLESHOOTING



This section addresses common issues you might encounter with your light booth.

| Problem                            | Possible Cause  | Solution  |
|------------------------------------|---|---|
| Booth does not power on.           | No power supply; loose power cord; faulty outlet.                                 | Check power cord connection; try a different outlet; ensure power switch is on.                             |
| One or more lamps do not light up. | Lamp is loose; lamp has reached end of life; faulty lamp starter (if applicable). | Ensure lamp is securely seated; replace the lamp; consult support if issue persists after lamp replacement. |
| Inconsistent color assessment.     | External light interference; dirty viewing area; aged lamps.                      | Ensure booth is in a dark, controlled environment; clean viewing surfaces; replace aged lamps.              |
| Buttons are unresponsive.          | Temporary electrical glitch; control panel malfunction.                           | Disconnect and reconnect power; if issue persists, contact customer support.                                |

## 8. SPECIFICATIONS

| Feature                 | Detail  |
|-------------------------|---|
| Brand                   | Pantone   |
| Model Name              | 5 Light Booth - P5D65840                                    |
| Product Dimensions      | 24"L x 22"W x 31.5"H (60.96 cm L x 55.88 cm W x 80.01 cm H) |
| Item Weight             | 1 Pounds (0.45 kg)  |
| Material                | Aluminum  |
| Number of Light Sources | 5   |
| Light Source Type       | Fluorescent   |
| Voltage                 | 120 Volts   |
| Control Method          | Touch / Push Button   |
| Included Components     | Light Booth   |
| Indoor/Outdoor Usage    | Indoor  |
| Special Feature         | Color Changing (referring to light settings)                |

## 9. WARRANTY INFORMATION

Pantone products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your Pantone 5-Light Booth P5D65840, please refer to the warranty card included with your purchase or visit the official Pantone website. Keep your proof of purchase for warranty claims.

# 10. CUSTOMER SUPPORT




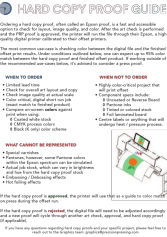

If you require assistance with your Pantone 5-Light Booth, have questions about its operation, or need to report a technical issue, please contact Pantone Customer Support.

- **Online Support:** Visit the official Pantone website for FAQs, support resources, and contact forms.
- **Contact Information:** Refer to the product packaging or the official Pantone website for the most current customer service contact details.



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## Related Documents - P5D65840

|   |   |
|---|---|
|    | <p><a href="#">Kohl's Color Process Guidebook for Vendors and Mill Partners</a></p> <p>A comprehensive guide detailing Kohl's color evaluation guidelines, submission processes, and color language for vendors and mill partners, covering visual and digital assessment methods for various textile types.</p>  |
|  | <p><a href="#">X-Rite PANTONE SpectraLight SPLQC and Judge LED Color Evaluation Booths</a></p> <p>Comprehensive solutions for visual color evaluation from X-Rite PANTONE, featuring SpectraLight SPLQC and Judge LED series light booths. Ensure accurate color communication across design, manufacturing, and quality control with industry-leading standard light sources compliant with international standards.</p> |
|  | <p><a href="#">Project BBCG: A Better Brand Color Guide</a></p> <p>A comprehensive tutorial on building accurate brand color guides, covering color basics, naming, measurement, and reproduction for consistent visual identity across digital and print media.</p>  |
|  | <p><a href="#">Hard Copy and Press Proof Guides for Printing</a></p> <p>A comprehensive guide to understanding and utilizing hard copy proofs (Epson proofs) and press proofs for ensuring accurate color matching and quality in offset printing. Learn when to order and when not to order each type of proof, what elements can and cannot be represented, and the process for approval and rejection.</p>             |
|  | <p><a href="#">ViewSonic ColorPro™ Sense Software User Guide</a></p> <p>User guide for ViewSonic ColorPro™ Sense software, detailing installation, setup, color detection, palette management, and harmony features. Learn to use the ColorPro™ Wheel for precise color workflows.</p>  |



### [X-Rite eXact 2: Advanced Color Measurement Solution](#)

Discover the X-Rite eXact 2, a next-generation handheld spectrophotometer and densitometer. This document details its advanced features, including improved usability, contactless measurement, wireless connectivity, and integration with the eXact 2 Suite for comprehensive color management.

Documents - Pantone – P5D65840



### [\[pdf\]](#) Catalog

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