

# datacolor Light Booth PS Accurate and Flexible Visual Color Evaluation Owner's Manual

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**Datacolor® Light Booth PS**  
**Accurate and Flexible**  
**Visual Color Evaluation**



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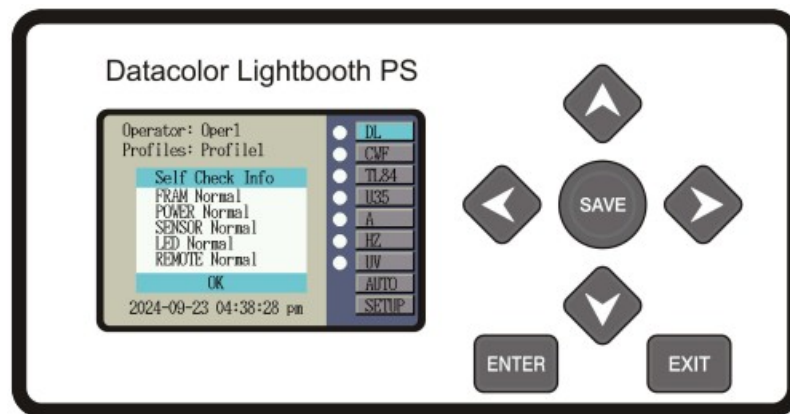
## Light Booth PS Accurate and Flexible Visual Color Evaluation

Datacolor light booths simulate a variety of lighting conditions, including fluorescent and LED sources, enabling visual color assessors to conveniently evaluate product colors with confidence and consistency. Datacolor Light Booth Professional is a comprehensive color inspection system for global supply chains where color must be managed accurately from design through production.

## Diverse Light Source Adaptability

### Seven Standard Light Sources to Meet Various Application Needs

- Daylight CIE D65 (6500K)
- Incandescent Light CIE A (2856K)
- Sunset Light Horizon (2300K)
- Fluorescent Light CWF (4150K)/LED 4000K
- Fluorescent Light TL84 (4000K)
- Fluorescent Light U35 (3500K)/TL83 (3000K)
- UV Light UVA



## User-Friendly Interface

- Multiple Device Cascade and Wireless Remote Control  
Allows remote control via wired or wireless connections. The cascade function enables multiple units to operate in sync, reducing repetitive operations and improving efficiency. Wireless remote control range up to 10 meters.
- Color LCD Display  
A 4-inch color LCD screen displays functional data in real-time, simplifying operations and making light source adjustment and monitoring more convenient.

## Intelligent Control and Detection

- Intelligent Power Control  
Uses a smart voltage stabilization design to ensure stable and consistent lighting from daylight, incandescent, sunset, and other light sources, providing continuous highprecision illumination.
- Smart Monitoring System  
Built-in color temperature and illuminance sensors for real-time monitoring of all light sources and UV intensity. Users can easily track the performance changes of light sources through the interface.
- Fluorescent Light Source Smart Control  
Supports quick switching and manual adjustment of fluorescent light sources.  
Users can precisely control light intensity based on specific testing requirements.
- CIE Class A Daylight D65 Source  
An innovative combination of halogen lamps, filters, and LED compensation ensures long-term stable

simulation of A-class D65 daylight.  $Ra \geq 95$

## **Reliable Design and Durability**

- **Uniform Illumination**

Uses ultra-white glass diffusers to eliminate shadowed areas and provide uniform lighting, ensuring consistent color evaluation every time.

- **Durable and Robust Design**

The full metal housing meets the Munsell N7 color standard (optional Munsell N5) to ensure long-lasting durability in demanding industrial environments.


<b>Light Booth PS</b>	
<b>Viewing Area</b>	
	56 x 89 x 58 cm 22 x 35 x 23 in
<b>Number of Light Sources</b>	
	7
<b>Flourescent Models Light Sources</b>	
120V Standard Configuration	D65, A, UV, CWF, TL83, TL84, Horizon
220V Standard Configuration	D65, A, UV, CWF, TL83, TL84, Horizon
Optional	LED 3500K, LED 4000K, U35
<b>Features</b>	
Dimming for Daylight, Store & Home-Light (N/A for LED Models)	✓ (except for D65, A, Horizon)
Metal Dome Control	✓
Auto Light Source Sequencing	✓
Lamp timer	✓
Optically neutral diffuser-Fluorescent Models	✓
Surround color	Munsell N7 grey (default), Munsell N5 grey (optional)
45° viewing table	✓
Software	✓
Remote Control	✓
Service indicator	✓
<b>Physical Specs</b>	
Physical dimensions (h x w x d):	92 x 99 x 69 cm 36 x 39 x 27 in
Net Weight	76kg 168lbs
Shipping Weight	98kg 215lbs
Units can be coupled for larger width	✓
<b>Compliance</b>	
Standards	ASTM D1729, SAE J361, AS 1580.6001.1, ISO 3668, ISO 13076, ISO 23603(CIE S012/E), AATCC EP9, DIN 6173, CIE 51.2

For more information, please visit [www.datacolor.com/lightbooths](http://www.datacolor.com/lightbooths)



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## Documents / Resources

 <p><b>Datacolor® Light Booth PS</b> Accurate and Flexible Visual Color Evaluation</p> <p><small>Datacolor Light Booth PS is a professional color management system for digital imaging. It provides a controlled lighting environment for accurate color reproduction and evaluation. The booth is designed to eliminate external light sources and provide a consistent, neutral background for color evaluation. It is suitable for use in a variety of applications, including product photography, digital imaging, and color calibration.</small></p>	<p><a href="#">datacolor Light Booth PS Accurate and Flexible Visual Color Evaluation</a> [pdf] Owner's Manual</p> <p>Light Booth PS Accurate and Flexible Visual Color Evaluation, Light Booth PS, Accurate and Flexible Visual Color Evaluation, Flexible Visual Color Evaluation, Visual Color Evaluation, Color Evaluation, Evaluation</p>
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## References

- [User Manual](#)

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