



Judge LED Light Booth

Ensure Consistent Color Evaluation

Address the shortcomings of current fluorescent light booths in modern color evaluation with the Judge LED light booth. By leveraging cutting-edge LED technology, it adheres to environmental regulations while facilitating a smooth shift for brands and suppliers that previously relied on obsolete fluorescent lighting. With the Judge LED, you can be confident in your business's compliance with government regulations, avoid operational disruptions, and seamlessly transition to LED solutions without sacrificing quality.

Standardized Lighting for Color Evaluation in Printing and Packaging Environments

The Judge LED light booth is the ideal solution for dependable and efficient color evaluation featuring:

- 7 light sources, including LED D50, D65, LED-B2 3000K, LED 3500K, LED-B3 4000K, UV, A, CWF LED, TL84 LED, U30 LED, U35 LED.
- Directional daylight for defect inspection and evaluation of gloss and texture.
- Instant warm-up, saving considerable time per day.
- Stabilized illuminants to ensure consistent color evaluation.
- LED luminance offering long-term consistency and accurate replication of legacy CIE illuminants.
- Eco-friendly design combining precision with sustainability to reduce energy consumption.
- Calibrated intensity levels and stable chromaticity parameters to avoid dimming inconsistencies.
- Available as a standalone booth in 2 different sizes (Standard or Plus), or as hanging luminaires for visual evaluation of large or assembled goods.
- (Optional) Remote control for quick and easy switching between illuminants.
- (Optional) Variable-angle viewing stand to facilitate and standardize comparisons from different perspectives.

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Service & Specs

Our Service Care Plans are designed to ensure your device is meticulously maintained, guaranteeing its consistent peak performance. By covering repair costs, these plans enable you to forecast maintenance expenses accurately and avoid unexpected costly repairs. X-Rite's Light Booth Field Service Care Plans offer a straightforward and efficient solution to maintaining your lighting system's adherence to its original specifications. With our Field Service, an X-Rite Engineer will promptly visit your location to perform preventative maintenance and certify your equipment.

Leveraging our vast expertise in the field of color, X-Rite Pantone provides a comprehensive range of services, both onsite and online, to support and enhance your business operations. Whether you need standard color services and training, or customized solutions tailored to your specific requirements, we ensure you achieve accurate color every time. For more details about extended support options, please visit www.xrite.com/extended-warranties-services.

Product Specifications

	Judge LED	Judge LED Plus	SpectraLight QC
Total # of Light Sources	7	7	7
Available Light Sources to Choose From	LED Daylight: D50, D65 LED Light Sources: LED-B2 3000K, LED 3500K, LED-B3 4000K, LED UV, LED A, CWF LED, TL84 LED, U30 LED, U35 LED, L31-9 LED Directional D65 Daylight	LED Daylight: D50, D65 LED Light Sources: LED-B2 3000K, LED 3500K, LED-B3 4000K, LED UV, LED A, CWF LED, TL84 LED, U30 LED, U35 LED, L31-9 LED	Filtered Tungsten Halogen Daylight Source: D65, D50 Fluorescent Light Source: UVA, Broadband CWF (F2), U30, U35, TL84 Incandescent Light Source: CIE A, 'Horizon' 2300K LED Light Sources available as retrofit: L830, L835, L840, L850
Power Consumption	Low	Low	Medium
Service Indicator Light	Yes	Yes	Yes
Voltage	100, 115, 230V	100, 115, 230V	100, 115, 230V
Wattage	30W	70W	1150W
Product Dimensions	H 21.4 in x W 27.9 in x D 21 in / H 54.5 cm x W 71 cm x D 53.5 cm	H 29.9 in x W 51.9 in x D 27.5 in / H 76 cm x W 132 cm x D 70 cm	H 37 in x W 37.2 in x D 26.5 in / H 94 cm x W 94.5 cm x D 67 cm
Viewing Area Dimensions	H 15.8 in x W 27.8 in x D 16.9 in / H 40 cm x W 70.5 cm x D 43 cm	H 22.5 in x W 51.8 in x D 23.5 in / H 57cm x W 131.5 cm x D 60 cm	H 23 in x W 37 in x D 22.5 in / H 58 cm x W 94 cm x D 57 cm
Dimming Functionality	None	None	Only FL illuminants
Material / Color Frames	Metallic – Munsell N7	Metallic – Munsell N7	Metallic – Munsell N7
Homogeneity	>80%	>80%	>80%
Lamp lifespan	LED Lifespan (>8,500hrs) LED Runtime LED Lifetime (>70,000hrs) LED Total Life	LED Lifespan (>8,500hrs) LED Runtime LED Lifetime (>70,000hrs) LED Total Life	>2,000hrs (FL)