



Harmony Rooms

Fit-and-Finish Rooms

Featuring SpectraLight QC Luminaires

X-Rite Harmony Rooms are custom fit-and-finish rooms to visually evaluate product color under different light sources, as the customer is most likely to see it. They are ideal for evaluating large items, assembled parts, and multiple items side by side for a variety of industries, including transportation vehicles, home furnishings and appliances, textiles, building materials, and more. An X-Rite Harmony Room enables evaluation under standardized lighting with multiple observers evaluating and discussing together.

Simulate and Customize a Variety of Viewing Conditions

Harmony Rooms feature X-Rite SpectraLight QC luminaires, which can simulate up to 7 different light sources, including the industry's de facto standard for filtered tungsten daylight (CIE D50 & D65), Incandescent (CIE 'A'), UV, LED (4000K & 500K), and multiple fluorescent sources.

- Mount luminaires in custom configurations in the ceiling, walls, and on rolling dollies.
- Provide optimal daylight simulation for superior visual assessment results, unlike other color rooms on the market that depend solely on fluorescent lighting.
- Implement a consistent color program with a SpectraLight-powered Harmony Room leveraging precise light sources to ensure the highest quality standards.

Ensure Parts Match After Assembly

Harmony Rooms are used to detect color differences between various surfaces for large parts or assembled items with components made of different materials or provided by global suppliers.

- Design custom controls through a master luminaire plus remote controls to replicate conditions to the rest of luminaires or create sub-groups of luminaires and control each group independently.
- Use the X-Rite SpectraLight QC light booth in conjunction with the Harmony Room for brand owners and manufacturers to achieve consistent color evaluation across the entire manufacturing process.
- Prevent color surprises once the final product is assembled with the option to place smaller components in the SpectraLight QC light booth throughout production.

Design the Best Layout for Your Visual Evaluation Needs

Built to custom size, X-Rite Harmony Rooms are ideal for evaluating objects that will not fit in a light booth, such as a textile color palette, durable consumer goods, fully assembled vehicles, commercial or industrial equipment, and furniture.

- Partner with an X-Rite Color Expert to design a custom layout for your samples and products.
- Install luminaires in various configurations to fit nearly any space, large or small.
- Establish a viewing configuration for repeatable evaluations.
- Create a QC program that enables multiple evaluators to assess samples at the same time.

Custom Fit-to-Finish Rooms

Specifications

	SPLQC Harmony Room	Fluorescent/LED Color Rooms
Meets Applicable Industry Standards	✓	✓
Light Sources	7	2-5
CIE Daylight/UV Metamerism Index*	A/B	B/C
Calibrated CIE Daylight	✓	
Annual Certification Program	✓	
Design Customization and Lux Simulation	✓	
Wall Panel or Remote Control of up to 8 Zone	✓	

*As defined by CIE 51.2-1999 Technical Report, "A Method for Assessing the Quality of Daylight Simulators for Colorimetry."



Service & Support

X-Rite's Field Service Care Plan program is an effective and easy way to ensure your Harmony Room continues to perform to original specifications to achieve the highest level of color accuracy. Let our qualified X-Rite Service Engineers come to your location to perform preventative maintenance and certify your Harmony Room. Contact us for more information. **Phone:** 1-888-826-3042, Option 2 **E-mail:** fieldservices@xrite.com



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