SpectraLight QC

Lighting and Visual Assessment

Consistent Visual Assessment

Visual evaluation of color-critical products under a variety of controlled lighting conditions is an important aspect of any color-managed workflow. Consistent visual assessment for products of all types for quality control purposes is now possible thanks to the SpectraLight QC light booth. This holistic visual color assessment system features state-of-the-art light sources, including natural filtered daylight, making it easy to meet practically any specification.

Seven Light Sources

The SpectraLight QC light booth features seven light sources, more than any other light booth on the market. This is important to ensure that products will have the right color appearance under all the lighting conditions they are likely to encounter.Lighting options include CIE Daylight, Cool White Fluorescent, Incandescent "A" & 2300K/Horizon, UVA, two fluorescent types (choice of U30, U35, TL83, and TL84), and two LED types (choice of L940 and the L950). Profiles can be created to share preferences and settings across the supply chain.

- Filtered tungsten halogen daylight simulation provides the most accurate rendering of daylight available anywhere in the market for optimum visual assessment.

- After initial power-up, lamps achieve almost instant stability when switching between lamps. A helpful indicator acknowledges optimum stability to assure operators that it is in top condition.

- Every instrument starts with exacting UV calibration. Built-in sensors monitor and correct UV output to maintain inter-instrument agreement.

- Built-in sensors automatically adjust voltage to maintain proper lux, compensating for lamp age and wear. Real-time digital lux output can be adjusted to comply with ASTM and AATCC standards for sample type or user needs.

- Certified replacement lamps allow for consistent performance and better traceability.

LED LAMP KIT AVAILABLE

For more information regarding this product, visit **www.xrite.com/spectralight-qc**

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Daylight	CWF	TL 84	Ultralume	Incandescent A	Horizon	Ultraviolet

You might also like...

Ci7800

From inspiration through formulation, production and quality control, the Ci7800 benchtop sphere spectrophotometer is one of the most advanced instruments in the market. When combined with NetProfiler and Color iMatch or Color iQC software, the Ci7800 delivers a complete color measurement and management solution that is stable, delivers true consistency and is easier to service than any other benchtop sphere spectrophotometer in the market today. It fits seamlessly into operational and data environments including the ability to conform to legacy data formats.

FM 100 Hue Test

Everyone perceives color differently. That's why it is important for anyone involved with the evaluation of color to understand how accurately they actually see color. The Farnsworth-Munsell 100 Hue Test (or FM100 Hue Test) is an easy-to-administer test and a highly effective method for evaluating an individual's ability to discern color. The test requires the use of standardized daylight conditions such as those found in X-Rite's SpectraLight QC light booth. A global standard for more than 60 years, the test evaluates and ranks color acuity.

Specifications

	SpectraLight QC
Material	Steel
Total Light Sources	7
Lamp Life	400-2000hrs
Light Level Adjustment	Digital
Light Level Sensor	Digital
Light Source	D50/D65, two of TL84/U30/U35, UVA, 2300A, CIE A, one of CWF/L940/950
Illuminants	Options: D50, D65, F2/CWF, A, F12/U30, U35, F11/TL84, L940/L950
Operating Temperature Range	32°F to 95°F / 0°C to 35°C
Viewing Area (length, width, height)	35 in x 23 in x 23 in / 90 cm x 58 cm x 58 cm
Dimensions (length, width, height)	37 in x 24 in x 27.5 in / 94 cm x 61 cm x 70 cm

We offer 2 LED options that both provide excellent color rendering. The LED Lamp kit (4000k - sold seperately) and pre-configured light booths. Talk to your sales rep to find out which is right for you.

Full list of specifications available at **www.xrite.com/spectralight-qc**

Service Support and Warranty

X-Rite's color analysis and measurement solutions are engineered and manufactured to the most rigorous quality standards. These standards are backed by comprehensive global service, superior phone and web support, and preventative maintenance options to optimize your long-term investment. We have developed service support and warranty plans that are unique to your organization's specific products and needs. Learn more by reviewing our service offerings on our website at: **www.xrite.com/page/service-warranty**. Still unsure of what you need? Contact us directly at: **servicesupport@xrite.com**