▲ PICTURED: Quickly and easily evaluate color using up to 7 different light sources for products ranging from textiles and plastics to paint and automotive components..

SpectraLight QC

Lighting and Visual Assessment

Overview

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.

Key Benefits

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 Daylight, Incandescent "A," Horizon, three fluorescents (choice of any combination of CWF, U30, U35, TL83 and TL84), and UVa. 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.

Daylight

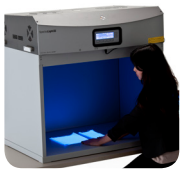
CWF

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.

Service Support & Warranty

Drawing on our extensive color expertise, X-Rite offers the right level of services on-site, online or on the phone, to support and nurture your business. For additional protection beyond the one-year warranty, take advantage of our extended warranty program. With global full service contracts, you can ensure your devices are well maintained through X-Rite's Annual Five Point Checkup, uniquely developed to keep devices performing to original specifications. With twelve global service centers, we make it easy to reach us. For more information about extended support options, visit **www.xrite.com/extended-warranties-services**

Specifications

	SpectraLight QC
Material	Steel
Total Light Sources	7
Lamp Life	400-2000hrs
Light Level Adjustment	Digital
Light Level Sensor	Digital
Light Source	D50 or D65, two of TL84/U30/U35, CWF, UVA, 2300K, CIE A
Illuminants	Options: D50, D65, F2/CWF, A, F12/U30, U35, F11/TL84
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

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

X-Rite is either a registered trademark or trademark of X-Rite, Incorporated in the United States and/or other countries. PANTONE©, PantoneLIVE and other Pantone trademarks are the property of Pantone LLC. All other trademarks or registered trademarks are the property of their respective owners. © X-Rite, Inc. 2017. All rights reserved.
L10-467-EN (03/17)

www.xrite.com

AMERICAS: 800-248-9748
EUROPE / AFRICA / MIDDLE EAST + 800-700-300-01
ASIA: + 86-21-6448-1155