

SpectraLight Lighting

The Unrivaled Standard For Accurate Color Evaluation

SPECTRALIGHT III

Features

- Filtered Tungsten Halogen
- Six (6) programmable light sources for hands-free viewing
- Spacious interior
- User-adjustable color temperature
- SmartLogic extends lamp life
- Elapsed time meter indicates lamp replacement
- Meets or exceeds all major international standards including ASTM D1729, ISO 3664, SAE J361, DIN, ANSI and BSI
- **Available in overhead luminaire**
 - Single or dual luminaire systems available
 - Convenient remote control (tethered) available for easy programming of suspended luminaire

Specifications

- Booth Dimensions:
27.5" (69.9cm) H x 37.1" (94 cm) W x 24.4" (62cm) D
- Weight: 154 lbs (69.9kg)
- Shipping Weight: 181 Lbs (82kg)
- Luminaire Dimensions:
9.5" (24.1 cm) H x 37.1" (94.2 cm) W x 25.7" (65.3 cm) D
- Weight: 92 lbs (41.7kg)

Judge Light Booth

Convenient and Accurate color Decisions

JUDGE II

Features

- Seven-phosphor fluorescent daylight technology renders color more accurately
- Five different light sources provides the ability to detect metamericism.
- Ultraviolet source can be used by itself or in combination with any of the light sources for evaluating optical brighteners, whitening agents or fluorescent dyes and pigments
- Elapsed time meter for tracking optical lamp replacement
- Convenient size easily fits into a variety of workspaces, including offices, design studios and production areas
- Meets or exceeds major international standards for visual color evaluation, including: ASTM D1729, ISO3664, DIN, ANSI and BSI

Specifications

- Booth Dimensions:
21.85" (55.5 cm) H x 26.5" (67.3 cm) W x 20.5" (52.1 cm) D
- Weight: 50 lbs. (22.7 kg)

Luminaires

Convenient overhead light sources for daylight viewing

EXAMOLITE

Features

- **Multi-source** overhead luminaire
- 7 phosphor fluorescent daylight technologies renders color more accurately
- Prismatic diffusing glass and anodized aluminum reflector for brightness and even illumination
- Optional UV-stabilized acrylic diffuser for food safety requirements and reduced glare in diamond grading
- Suspend or insert into standard ceiling grid

Specifications

- Dimensions:
8" (121.19 cm) H x 23.75" (60.3 cm) W x 48" (20.3 cm) L
- Weight: 90 lbs (40.8 kg)

PROOFLITE PLD

Features

- **Single-source** daylight overhead luminaire
- 7 phosphor fluorescent daylight technologies renders color more accurately
- Available in higher levels of illumination for open room applications
- Dual-source can be achieved by combining two different light sources into one fixture
- Suspend or insert into any standard ceiling grid

Specifications

- Dimensions:
8" (121.19 cm) H x 23.75" (60.3 cm) W x 48" (20.3 cm) L
- Weight: 90 lbs (40.8 kg)



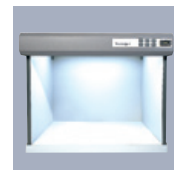
SpectraLight III



SpectraLight III Luminaire



Judge II



Luminaires



Macbeth Lighting

Color Viewing Technology

Macbeth lighting solutions are recognized as the industry standard for visual color evaluation and specified by the world's leading brand owners for critical color decisions. These evenly balanced systems allow you to detect and correct color discrepancies before your customers do, eliminating the guesswork and streamlining the approval process to insure color harmony throughout a supply chain.

X-Rite: Your source for accurate color. On time. Every time.

X-Rite is a world leader in providing global color control solutions for manufacturing and quality management requirements.

We lead the industry in offering service options to ensure uninterrupted performance of all X-Rite products. Training and educational resources are available globally and online for both new and experienced users to optimize their color measurement capabilities.

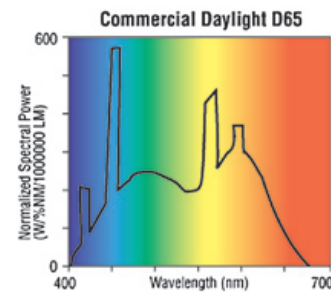
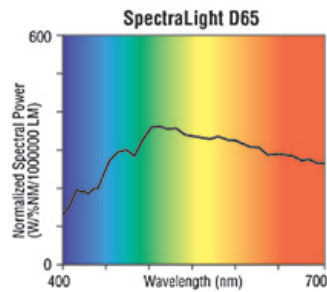
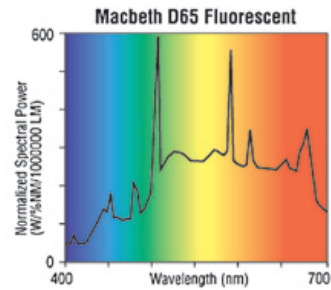
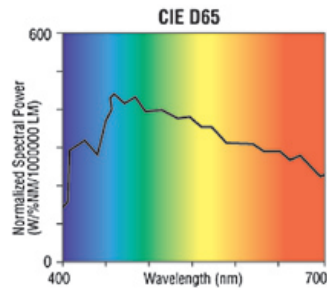
Visit xrite.com for more information about X-Rite products. X-Rite customers worldwide may also call the Applications Support team at CASupport@xrite.com or Customer Service at 800-248-9748.

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Macbeth Lighting Advantages

- **Eliminate False Readings.** Unique daylight-based technology delivers the world's most accurate simulation of natural daylight, rendering color more accurately. Lighting is evenly balanced across the color spectrum, providing the most constant, accurate rendering of color
- **Avoid Metamerism Issues.** Multiple light sources allow for viewing under different conditions, removing the risk of metamerism, a condition in which samples matched under one light source do not match under another
- **Organize Color Programs.** Precise technology enables an entire supply chain to efficiently manage color decisions
- **Targeted Choices.** Products allow for selection based on overall color requirements, product type, and industry demands
- **Conformance to International Standards.** Macbeth lighting products conform to or exceed all major international standards for visual evaluation of color
- **User Friendly.** Products and components are readily available and designed for easy access for servicing and lamp replacement



Lighting Systems At A Glance

Lighting Systems	BOOTH	LUMINAIRES	DAYLIGHT	HORIZON	FLUORESCENT	INCANDESCENT	UV
Filtered Tungsten Halogen SPL III	•	•	Choose One D50/D65/D75	•	Cool White plus TL84 or U30 or U35	•	UV Light Alone/ UV With Daylight
7 Phosphor Fluorescent Judge II Examolite SD840B Prooflite PDL440 Prooflite PDL840	•	• • •	D50/D65/D75 D50/D65 D50/D65 D50/D65		Cool White plus TL84, U30 or U35 Cool White	• •	UV Light Alone

Chart Key

D50 = D5000K
D65 = D6500K
D75 = D7500K

CWF = Cool White Fluorescent (4150K)
TL84 = TL84 Narrow Band Fluorescent (4100K)
U30 = Ultralume 30 Broad Band Fluorescent (3000K)
U35 = Ultralum 35 Broad Band Fluorescent (3500K)

Quick Guide to Light Sources

Daylight

D5000K – Noon sky daylight for graphic arts applications.
D6500K – Average north sky daylight for industrial color management, such as: automotive, consumer electronics, appliances, textile and apparel, home furnishings and others. Specified by industry.
D7500K – North sky daylight for graphic arts pressroom applications, sorting and grading textile white goods, and produce evaluations.

Horizon

This source simulates early morning sunrise and late afternoon sunset. Commonly used in textile and automotive applications.

Cool White Fluorescent/TL84/U30/U35

Simulates office, in-store, or showroom floor lighting.

Incandescent

Simulates home and store accent lighting.

UV5X

Higher intensity (five times that of the sun) for detecting optical brighteners and fluorescent whitening agents in paper, textiles, and plastics.

UV

The amount of UV found in natural daylight for simulating the effects of optical brighteners and fluorescent whitening agents on color.



Note: Macbeth system lamps do not contain UV wavelengths.