Datacolor® ColorMatcher Overhead Luminaire

Accurate and Flexible Visual Color Evaluation

Datacolor overhead luminaires simulate a variety of lighting conditions, including fluorescent and LED sources, enabling visual color assessors to conveniently evaluate product colors with confidence and consistency. Datacolor ColorMatcher overhead luminaires are state of the art color inspection systems for global supply chains where color must be managed accurately from design through production.

Ensure color evaluation accuracy

- Optically neutral diffuser for even illumination throughout the viewing area
- Instant lamp stability to rapidly switch between light sources
- Usage tracking system alerts operators that aging light sources may need to be replaced before they negatively impact sample evaluation

Conformance to industry standards for global supply chains

- Compliance with a broad variety of international standards, including AATCC Procedure #9, AS 1580.6001.1, ASTM D1729, BS-950/2, ISO 3668, SAE J361, Tappi T515
- The NIST-traceable certificate of product conformance
- Multiple calibration options are available to keep your lighting working at peak performance

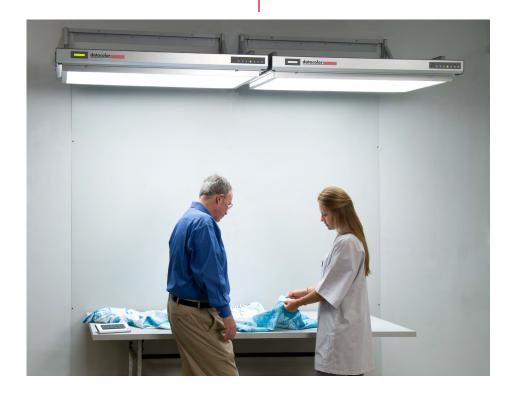## Multiple light source and sample viewing options

- Available with a selection of four fluorescent and LED light sources
- Configurable one-touch light source sequencing ensures viewing consistency when switching between light sources to evaluate metamerism.
- Optional 45° viewing table is available to ensure consistent sample positioning

Adapts easily to a variety of workspaces

- Overhead luminaires are the perfect solution to ensure accuracy in color evaluation where traditional light booths are not practical, such as in conference rooms, design studios, and production environments, or whenever large samples must be evaluated.
- Up to eight luminaires can be coupled together to further increase width for evaluation of larger samples.

	DCML 425
Number of Light Sources	4
Fluorescent Models Light Sources	
120V and 220V Standard Configuration	D65, A, UV, CWF
Optional	TL84, TL83, D50, D75, Horizon, TL835, 2700K LED, 3000K LED, 3500K LED, 4000K LED
LED Models Light Sources	
120V and 220V Standard Configuration	D65 LED, 2700K LED, 3000K LED, 4000K LED, UV LED
Optional	D50 LED, 3500K LED, Walmart LED
Features	
Dimming for Daylight, Store & Home-Light (N/A for LED Models)	Optional
Push Button Control	✓
Auto Light Source Sequencing	✓
Lamp timer	✓
Optically neutral diffuser - Fluorescent Models	✓
Optically neutral diffuser - LED Models	✓
Grey surround	Choice of Munsell N5 or Munsell N7
45° viewing table	45°/0° IIA CIE2000 0.3 ΔE avg / CIELAB 0.4 ΔE* avg d/8° SCI mode IIA CIE2000 0.4 ΔE avg / CIELAB 0.6 ΔE* avg
Physical Specs	
Physical dimensions (h x w x d):	63 x 76 x 55 cm 24.75 x 30 x 21.5 in
Net Weight	12kg 27lbs
Shipping Weight	16kg 35lbs
Units can be coupled for larger width	✓
Compliance	
	AATCC Procedure #9, AS 1580.6001.1, ASTM D1729, BS-950/2, ISO 3668, SAE J361, Tappi T515

For additional information, please visit www.datacolor.com/lightbooths

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