



Datacolor® ColorMatcher Overhead Luminaire

Accurate and Flexible Visual Color Evaluation

Datacolor overhead luminaires simulate a variety of lighting conditions, 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.

Confidence in visual sample evaluation

Ensures accuracy in visual color evaluation

- Four light sources are available, including LED, enabling replication of any lighting environment, for accurate visual color assessment and determination of metamerism.
- The optically neutral diffuser ensures even illumination throughout the viewing area, eliminating bright or dim areas that result without a diffuser.
- Lamps achieve instant stability when switching between sources, so there is no need to wait for lights to stabilize before making decisions.
- Usage tracking system alerts operators that light sources may need to be replaced before they negatively impact sample evaluation



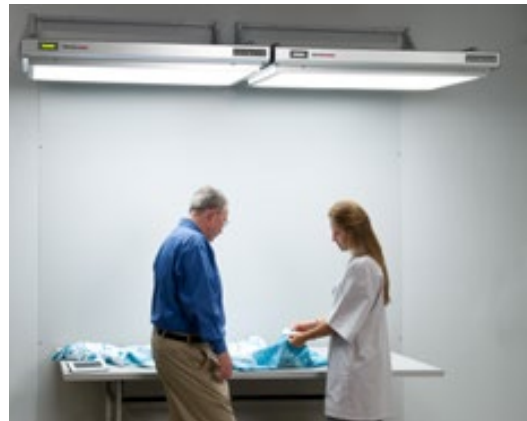
Conformance to industry standards for global supply chains

- Compliance with a broad variety of international standards, including ASTM D1729, SAE J361, Tappi 7515, BS-950 Part 2, and A S 1580.6001.1. to ensure repeatability in your visual assessment process (across your global supply chain).
- The NIST-traceable certificate of product conformance gives any member of the supply chain the assurance needed for confident visual color inspection.
- Multiple calibration options are available to keep your lighting working at peak performance.

Flexibility to fit your needs

Multiple light source and sample viewing options

- Available with a selection of four of the following light sources to replicate any lighting environment:
 - LED (3000K/3500K/4000K)
 - Artificial Daylight (D50/D65/D75)
 - Store Light (CWF/TL83/TL84/U35)
 - Home Light (A/Horizon)
 - Ultraviolet Light (UV)
- Configurable one-touch light source sequencing ensures viewing consistency when switching between light sources to evaluate metamerism, and remote control operation adds efficiency in sample evaluation.



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.

FEATURES COMPARISON

	DCML-425
Light sources	Selection of 4
Light source activation	Push-button control
Auto light source sequencing	✓
Lamp timer for all sources	✓
Light filtration	Optically neutral diffuser
Compliance with ASTM d1729, SAE J361, Tappi 7513, BS-950/2, AS 1580.6001.1	✓
Units can be coupled for larger width	✓

OPTIONS

	DCML-425
Dimming for Daylight, Store & Home Light	✓

PHYSICAL SPECIFICATIONS

	DCML-425
Viewing area (h x w x d):	132x76 cm
Physical dimensions (h x w x d):	13x102x66 cm
Shipping Weight:	16kg / 35lbs

For more information, please visit www.datacolor.com/colormatcher-luminaire