

Datacolor® ColorMatcher Light Booths

Accurate and Flexible Visual Color Evaluation



Datacolor light booths 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 light booths 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
- 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 five 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

- Three standard sizes – 28", 40" and 52" in width – are available to suit any office or laboratory environment
- Multiple units can be coupled together to further increase width for evaluation of larger samples
- Optional height-adjustable floor stand is available to ensure Light Booth accessibility where it is needed most



	DCMB 2028	DCMB 2540	DCMB 3052
Viewing Area	48 x 71 x 51 cm 19 x 28 x 20 in	64 x 102 x 64 cm 25 x 40 x 25 in	76 x 132 x 76 cm 30 x 52 x 30 in
Number of Light Sources	5		
Fluorescent Models Light Sources			
Standard Configuration 110V	D65, A, UV, TL83, CWF		
Standard Configuration 220V	D65, A, UV, TL83, TL84		
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	Optional		
Height adjustable floor stand	Optional		
Physical Specs			
Physical dimensions (h x w x d)	63 x 76 x 55 cm 24.75 x 30 x 21.5 in	63 x 76 x 55 cm 24.75 x 30 x 21.5 in	91 x 137 x 80 cm 36 x 54 x 31.5 in
Net Weight	23kg 51lbs	36kg 79lbs	50kg 110lbs
Shipping Weight	32kg 70lbs	64kg 140lbs	93kg 205lbs
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