



LIGHT BOOTH - COLOR MATCHING CABINET

Visual color assessment is often compromised by variable environmental lighting, leading to costly errors and product rejections. Torontech’s Color Matching Cabinets eliminate this uncertainty by providing standardized, controllable lighting environments. These tools are essential for detecting metamerism (where colors match under one light but fail under another) and ensuring consistency across textiles, plastics, automotive parts, and graphic arts.

Designed to meet international standards (ASTM, ISO, CIE), our cabinets allow Quality Control (QC) professionals to switch instantly between various illuminants—simulating daylight, store lighting, and UV environments—to verify product appearance before it reaches the market.

Compare Light Booth and Color Matching Cabinet Options

Side-by-side overview of Torontech light booths and color assessment viewers to standardize visual color evaluation and detect metamerism across industries.

P-Series Light Booths (Product and Sample Viewing)

Feature	TT-P60(6)	P60+	TT-P120 Oversize
Primary purpose	Standardized light booth for reliable color matching and metamerism checks	Standardized color viewing for QC workflows with quick illuminant switching	Oversize light booth for larger samples and bigger product evaluation setups

Feature	TT-P60(6)	P60+	TT-P120 Oversize
Best for	Daily QC where consistent lighting reduces rejects and rework	Teams needing a practical, flexible booth for routine color approval	Automotive parts, large textiles, packaging samples, and oversized items
Typical industries	Textiles, plastics, automotive components, printing (application dependent)	Textiles, plastics, automotive, graphic arts (application dependent)	Automotive, large-format printing, textiles, industrial QC (application dependent)
Sample size fit	Standard samples	Standard samples	Oversize / large parts and samples
Decision driver	Need stable lighting to reduce judgment differences and detect metamerism	Need a reliable booth for routine color matching across multiple illuminants	Need a larger viewing area to evaluate big parts without compromising lighting control
How to choose	Choose when you need a standard multi-illuminant booth for frequent inspections	Choose when you want a flexible P-series option for everyday QC	Choose when your samples do not fit standard booths or need more space to evaluate
Selection tip	If you are setting up a baseline color QC station, this is a common starting point	If your team switches illuminants often, this is a strong practical choice	If your workflow is slowed by cramped viewing space, go oversize

T-Series Light Booths (General QC and Textile Workflows)

Feature	TT-T60+	TT-T60(4)	TT-T60(5)	TT-T60B	TT-M60
Primary purpose	Multi-illuminant light booth for consistent visual color evaluation	Light booth configuration for standardized color matching with selected illuminants	Light booth configuration for broader illuminant coverage and color approval	Light booth designed for controlled color evaluation workflows (model dependent)	Light booth option for standardized lighting in compact QC setups
Best for	QC teams needing reliable day-to-day color assessment	Operations that want core illuminants without over-specifying the station	Teams that must validate appearance under more lighting conditions	Workflows needing consistent viewing with a focused booth configuration	Labs needing a compact, dependable color assessment booth
Illuminant flexibility	Switch between multiple illuminants for metamerism checks (config dependent)	4-illuminant configuration (as labeled)	5-illuminant configuration (as labeled)	Configured for controlled lighting evaluation (model dependent)	Standardized illuminant switching for consistent QC (model dependent)

Feature	TT-T60+	TT-T60(4)	TT-T60(5)	TT-T60B	TT-M60
Typical use cases	Textiles, plastics, automotive parts, printing and packaging (application dependent)	Routine color matching where a smaller set of lighting conditions is sufficient	Color approvals needing more viewing conditions (daylight, store, UV, etc.)	Color inspection for recurring product lines and standardized QC procedures	General color matching and metamerism checks in limited-space environments
Decision driver	Need consistent results across inspectors and shifts	Need standardized viewing without extra complexity	Need broader lighting validation to reduce mismatch risk in real environments	Need a dedicated booth configuration that supports your specific QC method	Need a compact booth that still supports standardized evaluation
How to choose	Choose when you want a flexible, general-purpose T-series booth	Choose when your spec calls for a 4-illuminant viewing setup	Choose when your spec calls for a 5-illuminant viewing setup	Choose when you want a dedicated booth option for controlled QC workflows	Choose when space is limited but standardized lighting is still required

Feature	TT-T60+	TT-T60(4)	TT-T60(5)	TT-T60B	TT-M60
Selection tip	If your QC involves metamerism checks, prioritize multi-illuminant flexibility	If your spec is fixed and simple, this keeps things efficient	If you sell into multiple retail or lighting environments, broader coverage helps	If your team wants a consistent, repeatable station for a specific workflow, choose this	If you need a compact booth for routine approvals, this is a practical option

Color Viewers and Assessment Stations

Feature	Color Viewer Light Table (TT-CC120)	Hanging Color Assessment Viewer (TT-CC120-W)
Primary purpose	Light table style station for consistent color viewing and evaluation	Hanging viewer setup for larger or vertically presented samples
Best for	Flat samples, print materials, textiles swatches, and surface checks	Hanging textiles, larger pieces, and workflows needing vertical presentation
Setup style	Table / bench workstation	Hanging / vertical viewing station
Decision driver	Need a dedicated viewing station that fits on a bench and supports consistent evaluation	Need a hanging assessment option for sample handling and workflow efficiency

Feature	Color Viewer Light Table (TT-CC120)	Hanging Color Assessment Viewer (TT-CC120-W)
Selection tip	If your samples are mostly flat and you want a stable station, start here	If textiles or large samples are easier to inspect vertically, choose this option



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