



HANGING COLOR ASSESSMENT VIEWER TT-CC120-W

Configuration: D65, D50, TL84 | **Weight:** 158.7 lbs

The Hanging Color Assessment Viewer TT-CC120-W finds extensive application in the printing industry, furnishings, and color matching within the printing ink industry. It's an essential tool for these industries to manage and ensure the quality and consistency of colors in their products.

[The Hanging Color Assessment Viewer TT-CC120-W](#) offers three versions: single light source, double light source, and three light sources. The standard light sources provided are D65, D50, U30, and we also offer TL84, UV, CWF, TL83 as optional additions. This machine is microcomputer-controlled, allowing swift transitions between each light source. Additionally, the Color Viewer displays the running time of each light source. Description

APPLICATIONS

- **Printing Industry:** Ensures accurate color evaluation for proofing, prepress workflows, and final print inspections.
- **Ink & Coatings:** Provides reliable color matching for ink formulation, coatings development, and production quality control.
- **Furnishings & Textiles:** Maintains consistency in fabrics, upholstery, and surface finishes for design and manufacturing applications.
- **Packaging & Graphics:** Supports color-critical assessments for cartons, labels, and product design elements under standardized lighting.
- **Quality Control Labs:** Suitable for standardized color evaluation using D65, D50, and optional store-light sources for reliable testing.

FEATURES

Operation Instructions:

1. Insert the power cord and the docking station into the power socket located at the top of the color viewer. Ensure the other end is connected to a mains power supply that matches the color viewer's indicated input power.
2. To activate a specific light source, press the corresponding light source switch. The respective light source lamp illuminates, and the color viewer's timer starts counting. To switch between light sources, turn off the current light source and press the switch for the desired light source. To activate multiple light sources simultaneously, press their respective switches together.
3. Position the item to be inspected at the center of the table. When comparing colors of multiple items, place them side by side on the table and align them as centrally as possible. Avoid placing unrelated items on the tabletop during work to prevent interference with color perception.
4. After completing the test, turn off all activated light source switches. Power off the color viewer when not in use, and if it won't be used for an extended period, unplug the power cord.
5. When replacing the lamp tube, locate the two white cap screws on the front of the light-transmissive glass. Unscrew these and gently lower the light-transmissive glass. Remove the lamp that needs replacement and install the new one, ensuring correct positions for different light sources to avoid errors.

Considerations for Daily Use and Maintenance of the Color Viewer:

1. Standard light source usage: Allow the light source lamp to illuminate for 30 minutes to reach optimal color temperature, color rendering index, and illuminance. Avoid frequent switching unless necessary to extend the lamp's lifespan.
2. Light source lamp lifespan: After 2000-3000 hours of use, the standard light source lamp's color temperature, color rendering index, and illuminance will diminish. It's advisable to replace it promptly to maintain the desired color effect.
3. Cleaning and maintenance: Before cleaning or performing maintenance, disconnect the power plug to ensure safety. Use a standard cleaning agent and a clean, soft cloth to wipe the device. Avoid direct washing with water.

Easy troubleshooting:	
Turn on the switch, but lamps are not bright	1. The power cord is intact and plugged into the outlet; 2. The lamp holder position may be loose, tighten it; 3. If the lamp is damaged or burned out, replace it;
The surface of the board is reflective and dim	Clean with a clean, soft cloth;
Light source timer does not count	Press the reset button to restart.

Warranty Description:

1. The light source products are guaranteed for one year. If there's any product quality issue within this period, our company will take responsibility for repair or replacement.
2. All our products come with standardized packaging. If the user discovers damage to the package or the product inside, please contact us immediately for assistance.
3. Replace the professional standard light source lamp if it becomes damaged within the warranty period.

For any installation or usage issues, please directly contact our technical engineers for assistance.

Lamp Introduction:

Specially designed artificial daylight sources for printing:

1. D50 standard light source lamp - Simulates Warm Daylight
2. High color rendering index $CRI \geq 95$ or $CRI = 98$
3. Complies with ISO 3664:2009 printing standard observation conditions

4. Designed exclusively for use with printing machines like Graphica Pro and COLOR proof series
 5. Available in 60cm 18W/950 T8 Graphica Pro from Europe
 6. Also available in 120cm 36W/950 T8 Graphica Pro from Europe
-
1. D65 standard light source lamp - Simulates Cold Daylight
 2. High color rendering index $CRI \geq 95$ or $CRI = 98$
 3. Conforms to ISO 3664:2009 printing standard observation conditions
 4. Specially designed light source for color viewers and color light boxes, such as T60+, P60+, CC120 series
 5. Available in 60cm 18W/965 T8 Graphica Pro from Europe
 6. Also available in 120cm 36W/965 T8 Graphica Pro from Europe

Other Common Light Sources:

1. CWF light source lamp (4150K, cool white fluorescent, used in US stores as a light source)
2. TL84 light source lamp (4000K, commonly used in European and Japanese store lighting)
3. U30 light source lamp (3000K, utilized in American store lighting)
4. U35 light source lamp (3500K, designated light source for United States Target Department)
5. Light source tube (UV source for detecting products using fluorescent and whitening dyes)
6. A light source bulb (2856K, used in American shop window spotlights/home incandescent lighting, serves as a color reference light source)

TECHNICAL SPECIFICATIONS

Boundary dimension	51.18 inches in length, 29.92 inches in width, and 3.94 inches in height.
Material	Real aluminum alloy material
frame materials	Aluminum alloy profile streamlined design beautiful and elegant reflector Uniform light cover plate and illumination

Uniform light cover plate	Openable uniform light cover plate for easy lamp replacement
Hanging material	Hooks at the back and a load-bearing steel chain that can be hung directly to the ceiling or fixed to the rack
Light Source	Conforms to ISO3664 international standard
Color temperature	D50 (5000K) or D65 (6500K)
Lamp series	Graphica for the exclusive use of printing machine
Color rendering index	D50: CRI $\geq$ 95 or CRI = 98 D65: CRI $\geq$ 90 or CRI = 95
Number of lamps	36Wx4 (pcs) - with light source timer



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 🇨🇦

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 🇺🇸

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 🇦🇪

Phone: +971 488 19252
Email: me@torontech.com

