



# Color Viewing Box PCE-CIC 5



## PCE-CIC 5

A color viewing box enables the user to make direct visual color comparisons on products that are to be produced or are already in production. Color comparisons in a color viewing box are important for a company that aims to offer high and consistent quality in its products. The color viewing box supports four different types of light. The types of light are previously defined types of light such as daylight, retail store light, UV light and incandescent lamps. The color viewing box can be used to prevent metamerism before the product goes into series production, for example. The color viewing box also forms an important part of quality assurance. In this way, it can also be checked during the production of products whether the color values are still within the required range.

Metamerism in general refers to the fact that the same colors can look different under different types of light.

The internal operating hours counter of the color viewing box registers the lighting times of the individual lamps and thus ensures that the lamps are not changed too early or too late. The usage time of the illuminants in a color viewing box should not exceed 2000 hours. In addition to the operating hours, the switch-on processes for each type of light in the color viewing box are also counted.

- ▶ Color assessment with 4 different types of light
- ▶ UV light included
- ▶ Meets ASTM D1729 standards
- ▶ Neutral Munsell N8 coating
- ▶ Operating hours counter per type of light
- ▶ Large lighting area of the objects

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**General Features PCE-CIC 5**

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Daylight, standard light / light color	D65 / ca. 6500 K
Retail store light / light color	TL84 / ca. 4000 K
House light / light color	A; F / ca. 2700 K
Ultraviolet / wavelength	UV / 365 nm
External dimensions	710 x 405 x 570 mm
Internal dimensions	680 x 385 x 355 mm
Power supply	230 V AC / 50 Hz
Operating hours counter per light type	yes
Standards	ASTM D 1729, ISO 3664

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Subject to change