

# COLOUR VIEWING BOX

PCE-CIC 5-LED



- » **colour assessment with 4 different illuminants**
- » **UV light included**
- » **meets ASTM D1729 standards**
- » **neutral Munsell N8 paint**
- » **operating hours counter for each illuminant**
- » **large lighting area of the objects**

A colour viewing box enables the user to make direct visual colour comparisons of products that are to be produced or are already in production. Colour comparisons in a colour viewing box are important for a company that aims to offer products of high and consistent quality. The colour viewing box supports four different illuminants. The illuminants are previously defined light sources such as daylight, store light, UV light and incandescent lamps. The colour viewing box can be used to prevent metamerism before the product goes into series production, for example. The colour 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 colour values are still within the required range.

Metamerism in general refers to the fact that the same colours can look different under different illuminants.

The internal operating hours counter of the colour 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 lamps in a colour viewing box should not exceed 2000 hours. In addition to the operating hours, the switch-on processes for each illuminant in the colour viewing box are also counted.

## Specification

General technical data	
Standard(s)	ASTM D1729, ISO 3664
Light source	Daylight, standard light / light colour: D65 / approx. 6500 K Store light / light colour: TL84 / approx. 4000 K Domestic light / light colour: A; F / approx. 2700 K Ultraviolet / wavelength: UV / 365 nm
Menu language	English (GB), English
Protection class (device)	IP20
Power supply	230 V AC / 50 Hz
Connector type	Cold-device plug
Weight	37 kg
Other dimensions	Internal dimensions: 680 x 385 x 355 mm
Operating conditions	10 ... 50 °C , 10 ... 90 % RH
Storage conditions	10 ... 50 °C , 10 ... 90 % RH
Dimensions ( L x W x H )	710 x 405 x 570 mm