

Standard Light Source for Color Assessment

The artificial sunlight D65 recognized by the Commission International Eclairage (CIE) is regarded as the standard base lighting source. This unit provides controlled illumination for environments requiring consistent and reliable lighting conditions.



Overview

Professional Color Assessment Light Source

This standard light source is engineered for precise color evaluation, utilizing CIE-recognized D65 artificial sunlight as its primary baseline. Designed to eliminate flickering and ensure accurate comparisons, the unit features a microcomputer-controlled system for instant switching between various lighting modes. The inclusion of UV illumination and dedicated store lighting allows for comprehensive testing of materials, including those with fluorescence and whitening agents.

Lighting Performance

Illumination Range

750 Lux

Minimum Intensity

3200 Lux

Maximum Intensity

Included Light Sources

D65 Artificial Sunlight, UV (Ultra-Violet), Store Illuminant

Maintenance Guidelines

Replace luminous tubes after 2000 hours of use to prevent testing failures caused by ageing.

Design and Dimensions

Physical Dimensions (L x W x H)

Type	Dimensions (cm)
Finished Product	71 x 40.5 x 57
Interior Space	68 x 38 x 39

Environment Characteristics

- Medium grey background
- Reflex rate lower than 1/3 of incident light