

Световые шкафы Color Viewing Light

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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JUST Normlicht - Color View Light Cabinets

Light Cabinet in various configurations for visual assessment of colour samples using classic filament lamps and fluorescent tubes.

- Color Viewing Light Basic (4 lamps)
- Color Viewing Light Advanced (5 lamps)



Introduction

Visual assessment of colour in accordance with various international norms

The use of a color assessment cabinet in Quality is strongly recommend to assure a visual match when compared to data and assessments of a colour measuring instrument.

A colour assessment cabinet assures that visual colour assessments are done in a consistent and thus objective way, not affected by constantly changing natural or artificial lighting.

JUST Normlicht colour assessment cabinets eliminate product quality and supply chain problems caused by colour inaccuracy. Several versions are available to suit your specific needs.

JUST Color Viewing Light with either 4 or 5 different light colours offer ideal conditions for colour decisions under standardized lighting. Metameric effects can be recognized in time before they cause problems.

- 4 or 5 light sources (D65 / TL84 / A / UV standard, choice of D50)
- Electronic Ballasts
- Service Hour meter for D65
- Metameric- and reflection-free viewing surface
- Interior reflection system

Features

To be able to reliably evaluate the colours of surfaces and materials, natural daylight is unsuitable. In the course of the day – and the year – it constantly changes its spectral configuration (and with that, the respective visual impression). Visual colour evaluation is indispensable when it comes to the selection and visual inspection of produced colours and materials. It is only after the visual determination of colour that colour measurements can take place and limit values can be defined.

But the evaluation of the colour sensation is not only important for a certain condition - metamerism colours which appear identical under a certain type of light suddenly show stark contrasts when exposed to a different degree or type of light as the spectral configuration of the light sources and the evaluated materials is in fact different. According to the currently valid norms for visual colour evaluation, the colour samples must look identical when viewed under the light type D65 and can show certain discrepancies under other types of light– that is to say, Metamerism becomes visible. The JUST Normlicht standardized lighting devices give the viewer the chance to promptly recognize Metamerism in time.

State-of-the-art technology

For its Color Viewing Light boxes, JUST Normlicht uses the standardized fluorescent light tube technology which is the state-of-the-art in the industry. Reliable and known, this is the perfect choice for all who are in need to control colour while being rather cost-effective.

Color Viewing Light cabinets are suitable for all industries and applications where there is a need to maintain colour consistency and product quality such as Textiles, Automotive, Ceramics, Cosmetics, Dyeing, Food, Footwear, Inks, Packaging and Printing.

In order to view your samples objectively without the influence of surround or background colours, the interiors of the cabinets are finished in a neutral matt grey.

Specifications

Principal Specifications Colour Viewing Light (4 and 5 lamps)

Model: Color Viewing Light 4 lamps	
Standard Light sources	D65, A, TL84, UV
Overall Dimensions (W x H x D)	700 x 470 x 430 mm
Viewing Cavity (W x H x D)	640 x 330 x 360 mm
Weight	6.0 kg
Model: Color Viewing Light 5 lamps	
Standard Light sources	D50, D65, A, TL84, UV
Overall Dimensions (W x H x D)	810 x 600 x 600 mm
Viewing Cavity (W x H x D)	750 x 410 x 510 mm

Weight	12.0 kg
Optional accessories	
Sample tables for visual colour control	Weight
Table 45° (fixed version)	3.0 kg
Table 0-90°	6.0 kg

Accessories

Optional accessories for Color View Light Cabinets

- B027197: Replacement Lamps (Kit for 4 Lamps-Version)
- B027198: Replacement Lamps (Kit for 5 Lamps-Version)
- B027199: Table 45° (fixed version)
- B027216: Table 0-60° (variable version)

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