

# Lovibond® Colour Measurement Tintometer® Group



## TLC 120 Lighting Cabinet

Colour Matching under the Perfect Light Source



- Render Colour More Accurately - Every Time
- You can Select from 6 Different Light Sources to Detect Any Potential Illuminant Metameric Failure
- Meet Major International Standards for Visual Colour Measurement including: ASTM D1729, ISO3664, DIN, ANSI and BSI
- Choice of Two Units Depending on your Sample Size

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### Render Colour More Accurately - Every Time

The accurate Quality Control of colour means the product should, as far as possible, look identical irrespective of the lighting conditions: whether inside, outside or under artificial retail lights. The colour of materials that might match perfectly under and International Standard Artificial Light might appear quite different to each other under a UV Light. By using a lighting cabinet, you can quickly and easily match colours under different light sources with a single unit.

### Adhere to the International Standards of Light

The TLC range provides you with 6 of the most important, international light sources to detect any potential illuminant metamer failure:

Light Source	Light Simulation	Colour Temperature
F	Tungsten (Illuminant A)	2800
D65	International Standard Artificial Light	6500
TL84	Energy Efficient Store Lighting in Europe, Japan and China	4000
UV	Ultraviolet Light	$\lambda$ 365
CW/F	Cool White Fluorescent (American Standard)	4150
TL83/U30	Warm White Fluorescent	3000

As such, the TLC series meets all the major international Standards for Visual Colour Measurement including:

- ASTM D1729, ISO3664, DIN, ANSI and BSI

### Flexibility

The TLC series is ideal for use across multiple applications such as Textiles, Dyeing, Packaging, Leather, Inks, Knitwear, Plastics, Automotive and Ceramics; so one unit is all you need to measure multiple samples of incoming and outgoing goods.

### Save Time, Energy and Efficiency

The cabinets are easy to operate with each light source having its own switch. No warming up time makes them quick, reliable and very highly energy efficient. Efficiency is further assured with their economic power consumption and low heat generation. There is also a timing meter to track optimum lamp replacement requirements.

## TLC 120 Lighting Cabinet

The TLC series of Color Assessment Cabinets are suitable for all industries and applications where there is a need to maintain color consistency and quality. Since different light sources have different radiant energy, they display slightly different colours when reflected from a surface. So an operator comparing the color between the standard and the sample might be working in an alternative lighting environment to that being used by the client / recipient. To resolve this problem, it is best to always match the color under the same light source.

### Configured Light Sources

- F, D65, TL84, UV, CWF, TL83/ U30

## Dados Técnicos

**Tela Sensível ao Toque** Não

**Dimensões** 1310 x 800 x 600 mm

**Peso** 65 kg

## Texto do Escopo de Entrega

- Cabinet consisting of 5 component parts
- Assembly instructions
- Power supply
- Standard light sources
- Optional Accessory**
- Additional specialised light sources
- Replacement lamps

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