# Color Light Box (P120)

Applications：Detect the the color difference of product or the color matching process with different light sources, illumination, colour temperature, to avoid the misjudgement cause by human naked eyes; the light booth with 6 light source can provide an accurat illuminating environment for the color comparison

It provides users with various standard light sources recognized by the International Commission on Illumination (CIE), complying with all major visual evaluation standards – including AS, ASTM, BSI, DIN, and ISO international standards such as: ISO 3664, ISO 3668, ISO 13076, ISO 23603, AATCC EP9, ASTM D1729, DIN 6173, CIE S 025/E, BS 950 Pt.2, etc.

## PRODUCT FEATURES

1. Display the usage time, name, and switching times of each light source.
2. Switch the light source and distinguish the metamerism easily
3. No need to preheat, no flicker, can ensure fast and reliable color evaluation.
4. Low energy consumption, no heat (no need for heat dissipation), high luminous efficiency.
5. Comply with UK & USA illumination requirements
6. The name of the light source can be changed, it is more convenient to add a light source.
7. Huge space for big products

## APPLICATION INDUSTRY

P120 is widely used in textile, toys, printing and dyeing, plastic, paint, ink, printing, pigment, chemical, ceramics, footwear, leather, hardware, food, cosmetics and other industries in the field of colour management, and accurately check the colour deviation
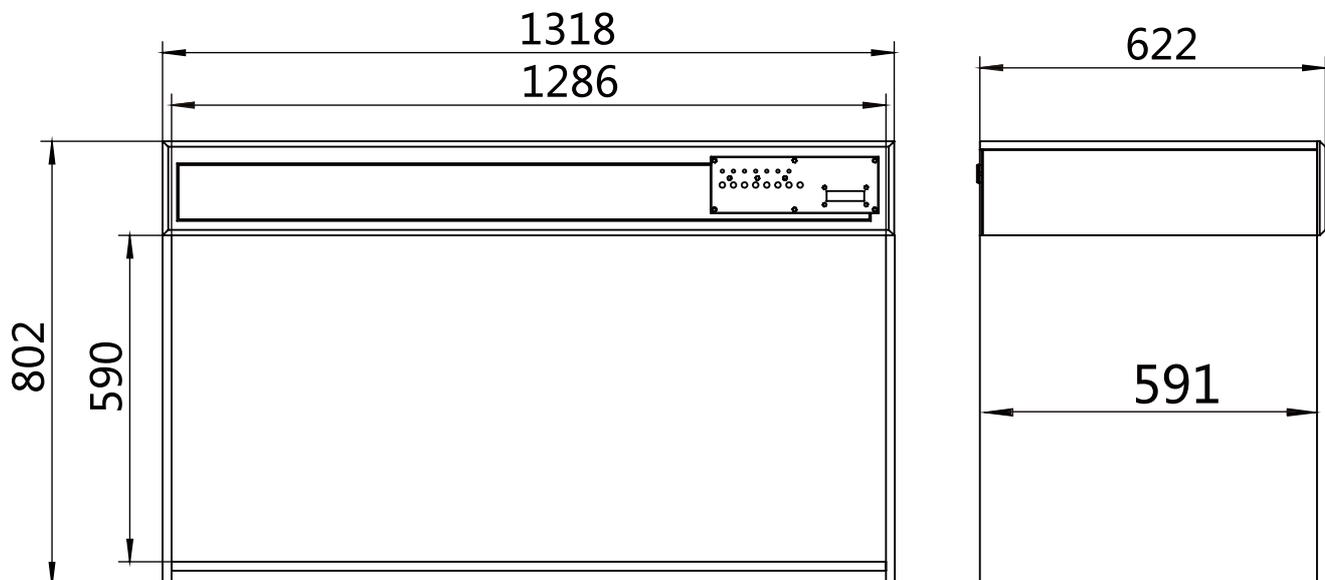
| Textil | Toy | Pigment | Paint&Ink |

## SIZE PARAMETERS

**External dimensions:** 1318*622*802 mm(Length * Width * Height)

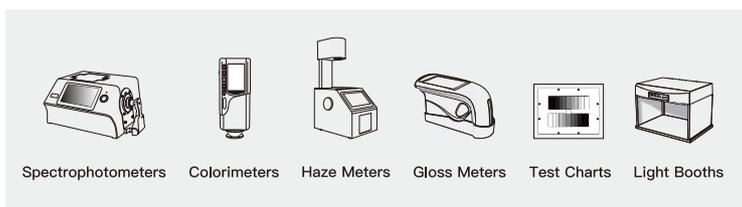**Internal dimensions:** 1286*591*590 mm(Length * Width * Height)

1318

1286

802

590

622

591

| Project | Parameter |
|---|---|
| Allocation | D65 , TL84 , TL83 , CWF , F , UV ,  Six light sources |
| Weight | 60Kg |
| Optional Accessory | 45  degree standard stand |

| Light source | | | |
|---|---|---|---|
| Name | Color temperature | Quantity and power | Lamp Type |
| D65 | 6500K | 2x36W | Fluorescent   Natural   Daylight PHILIPS  TL-D 36W/965 |
| TL84 | 4000K | 2x36W | Fluorescent   PHILIPS   TLD  36W/840 |
| CWF | 4150K | 2x36W | Fluorescent  PHILIPS  TL-D 36W/33 COOL   WHITE |
| UV | 365nm | 1x36W | Fluorescent  PHILIPS  36W / BLB BLACK  LIGHT |
| F | 2700K | 6x40W | Incandescent  Mac color  Lighting 40W 230v |
| TL83 | 3000K | 2x36W | 3NH TL83 36W |

| Light source description |
|---|
| D65 International standard Artificial Daylight |
| TL84 Applied to stores in Europe, Japan and China |
| UV Viewing under ultraviolet light to detect and evaluate optical brighteners or fluorescent pigments |
| CWF (Cool White Fluorescent) American Standard |
| F "Sun-setting Light Yellow" incandescent light source(imitation of sunset) |
| TL83 Warm White Fluorescent European Standard |

## ★ CONTACT US

Spectrophotometers    Colorimeters    Haze Meters    Gloss Meters    Test Charts    Light Booths

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