

COLOR MANAGEMENT

Color Management Equipment and Solutions



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COLORIMETER SPECTROPHOTOMETER
COLOR MATCHING SYSTEM
COLOR LIGHT BOX TUBES
RESOLUTION TEST CHART COLOR CHART
DIGITAL CAMERA TEST LIGHT BOX
DIGITAL COLOR MEASUREMENT SYSTEM
GLOSS METER PRINTING DENSITY METER

Color Matching Light Box No.1

TILO was founded in 1998
Global Sales No. 1



T60+ P60+

1. Composite engineering plastics, Processing in all mould mode
2. Be able to add the elastic mats and light barrier
3. Display each light source using time, name and off and on times
4. Light source automatic switch
5. No warm and flashing, low energy consumption, no fever
6. More complete Britain-American general light source



T60(4) Color Light Box

D65/TL84/UV/F

Size: 71 x 40.5 x 57 cm



T60(5) Color Light Box

D65/TL84/CWF/UV/F

Size: 71 x 40.5 x 57 cm



P60(6) Color Light Box

D65/TL84/CWF/UV/F/TL83

Size: 71 x 53 x 57 cm



P120 Large Size

D65/TL84/CWF/UV/F/TL83

Size: 131 x 60 x 80 cm



P60 S Upgraded light box

D65/TL84/ F/CWF/TL83/ UV

Size: 69 * 55 * 50 cm



M60 (American Style)

D65,TL84/U30,CWF,UV,F

Size: 71 x 53x 57 cm



T60B (British Style)

D65/TL84/UV/F

Size: 71 x 40.5 x 57 cm



CC120 Common Color Viewer

multiple tubes selectable

higher illumination evenness

STANDARD LIGHT SOURCE



VeriVide (British)

CAC60 CAC120 CAC150Models

D65,TL84/U30,CWF,UV,F

N5 standard grey environment

Widely used in Europe



X-rite Judge QC light box

D65,TL84/U30,CWF,UV,F

N7 standard grey environment

Widely used in all over the world

Made in China



X-rite SpectraLight QC

Size: 950*940*1270 (mm)

D65 or D50, D50/ CWF/ U30/ T

L84/ HOR/ A/ UV 7 tubes

Made in China

TUBES AND LAMPS

Provide a full range of standard lamps and tubes:

D65, D50, D75, D35, TL84, CWF, UV
U30, TL83, U35, F, A, INCA, HOR

SYLVANIA D65 Tube

M0del : F20T12/65 6500K 20W

Size : 60cm

Brand : SYLVANIA

Origin : GERMANY



PHILIPS D65Tube

Model: TLD18W/965

Size: 60cm

Brand: PHILIPS

Origin: Netherlands



VeriVide D65Tube

Model: F20T12/D65

Size: 60cm

Brand: VeriVide

Origin: E.E.C.



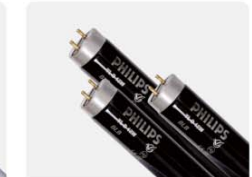
Ecolux U35Tube

Model: F17T8 SPX35 ECO

Size: 60cm

Brand: GE

Origin: USA



PHILIPS UV Tube

Model: TLD18W BLB

Size: 60cm

Brand: PHILIPS

Origin: Netherlands

CONTROL THE EVER-CHANGING COLORS

When testing product color or color matching in production process, different light sources, illuminance, color temperature and environmental changes make the naked eye make wrong judgment on color. Color light box can provide accurate and objective standard light source environment for raw material production or product color comparison.



Application industry



Plastic electronics



Garment dyeing and printing



Automotive leather



Ink painting

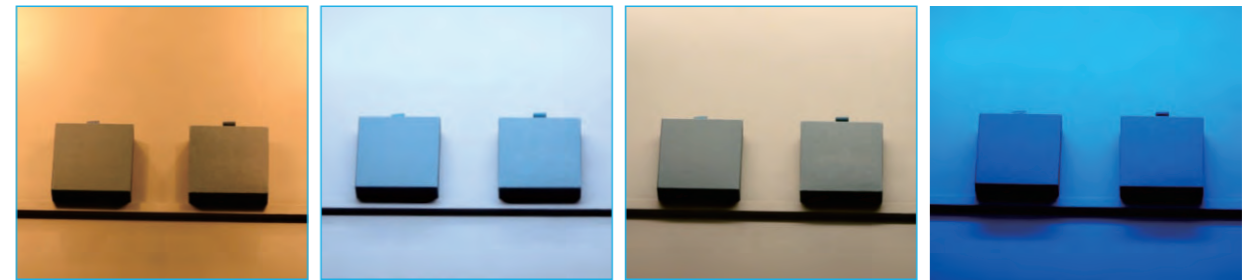


Printing



Laboratory

PRODUCT DESCRIPTION



F

D65

TL84

UV

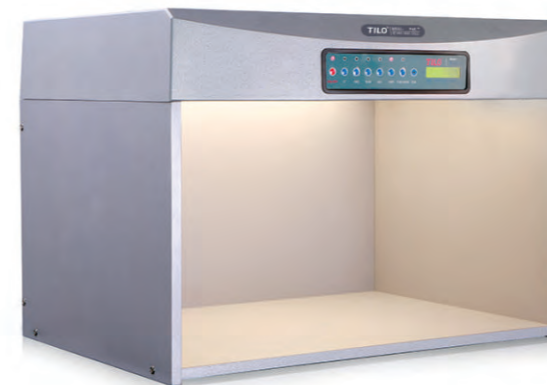
Technology: composite engineering plastics, die production, no yellowing, deformation, paint removal;

Complete preparation: complete British and American standard common light source, the name of the light source can be changed;

Efficiency guarantee: no preheating, low energy consumption, no heating, high luminous efficiency;

Multiple light sources: the light source can be switched freely.

SMARTER, MORE ACCURATE



P60+ (New and upgraded version)

1. Composite engineering plastics, die production, no yellowing, deformation, paint removal;
2. Seamless structural design, can add elastic pad, light baffle (optional);
3. Displays the display time, name and switching times of each light source;
4. The light source can be switched freely, with the function of same color different spectrum;
5. No preheating, low energy consumption, no heating, high luminous efficiency;
6. More complete British and American standard common light source, light source name can be changed;
7. Size:69.5*55.2*50.2cm;
8. Light source: D65 TL84 CWF UV F TL83.

LIGHT SOURCE		
Name	Color temperature	Wattage
D65 International standard artificial daylight	6500K	20W
TL84 Shop lighting in Europe, Japan and China	4000K	18W
CWF American Cool White Fluorescent	4150K	18W
F Family hotel lights, colorimetric reference light source	2700K	40W
UV Ultra-Violet	365nm	18W
TL83 American Warm White Fluorescent	3000K	18W



Model: T90-7 Color Light Box (Adjustable Light levels)
Material: Full metal material, whole sheet metal structure, thick sheet metal, solid and stable;
Features: metal material, low energy consumption, no heat dissipation, high luminous efficiency; Advanced LED lamp and fluorescent lamp combination, adjustable illuminance range 6-2400lux, Ra ≥96%, adjustable light source;
Light source type: 4 sets of LED light (Life up to 25000 times), 3 sets of fluorescent light source;
Light source configuration: D65, A(HZ), D50, UV, U30, TL84, U35, Backplate with magnetic suction
Size: 1008*898*716mm
Application: Color management in textile, toys, printing and dyeing, plastics, paint, ink, printing, pigment, chemical industry, ceramics, shoes, leather, hardware, food, cosmetics and other industries



Model: D60 (4)
Material: HDF
Features: Equipped with common standard light source, suitable for multiple light source environment;
Light Source configuration: F, D65, TL84, UV four light sources;
Color temperature type: International brand lamp, standard gray environment;
Size: 710*405*570mm
Application: Color management in textile, toys, printing and dyeing, plastics, paint, ink, printing, pigment, chemical industry, ceramics, shoes, leather, hardware, food, cosmetics and other industries

More models and custom light sources

Model	Light source	D65	D50	TL84	TL83/U30	UV	F	CWF	A
P60+ (Upgraded version)	Six light source	●		●	TL83	●	●	●	
T60+ (Upgraded version)	Five light source	●		●		●	●	●	
P60+S	Six light source	●		●	TL83	●	●	●	
T60+S	Five light source	●		●		●	●	●	
P60 (6)	Six light source	●		●	TL83	●	●	●	
T60 (4)	Four light source	●		●		●	●		
T60 (5)	Five light source	●		●		●	●	●	
T60B (British Style)	Four light source	●		●		●	●		
M60 (American Style)	Six light source	●		●	U30	●		●	●
P120 (Large Size)	Six light source	●		●	TL83	●	●	●	
Color-60	Seven light source	●		●	TL83	●	●	●	●
	Eight light source	●		●	TL83/U30	●	●	●	●
D60(4)	Four light source	●		●		●	●		
D60(5)	Five light source	●		●		●	●	●	
D60(6)	Six light source	●		●	TL83	●	●	●	
D60(7)	Seven light source	●		●	TL83	●	●	●	●
CC120 (Color Proof Station Light Box)		●	●	●					
CC120 (Hanging Color Light Box)		●	●	●					



Model: CC120-E standard sample table (Color Proof Table)
Material: full metal material, whole sheet metal structure, thick sheet metal, solid and stable;
Features: Offset printing, flexo printing, gravure printing and other printing plants can be applied, can directly see the reflection manuscript;
Light source configuration : D50, D65, TL84 three light sources;
Color rendering index: high color rendering power index, perfect color reduction;
Color temperature type: D50(5000K) or D65(6500K) or TL84 (4000K);
Size: 1350*900*2174mm
Application: Color management in textile, toys, printing and dyeing, plastics, paint, ink, printing, pigment, chemical industry, ceramics, shoes, leather, hardware, food, cosmetics and other industries



Model: P120(oversize) Color light box
Material: HDF
Features: Provides the most commonly used standard light source in the printing industry, in accordance with ISO 3664:2009 Industry lighting standard requirements; The large inner frame space makes it easy to observe the colorimetry of large samples
Light Source configuration: D65, TL84, TL83, UV, F, CWF six light sources
Color rendering index: high color rendering power index, perfect color reduction;
Size: 1310*600*800mm
Application: Color management in textile, toys, printing and dyeing, plastics, paint, ink, printing, pigment, chemical industry, ceramics, shoes, leather, hardware, food, cosmetics and other industries

RESTORE THE TRUE COLOR OF THE OBJECT

The product appearance color or the color printing needs to rely on the manual visual evaluation, the different illumination environment may cause the wrong evaluation or the printing quality issue because of the same color different spectrum phenomenon, the configuration of standard light source lamp may effectively avoid this kind of question occurrence.

STANDARD LIGHT SOURCE

Provide the following Lamps:

D65, D50, D75, TL84, CWF, UV, U30, TL83, U35, F, A, INCA, HOR



3nhLighting D65 lamp

Model: F20T12/65 6500K 20W

Size: 60cm

Brand: 3nh

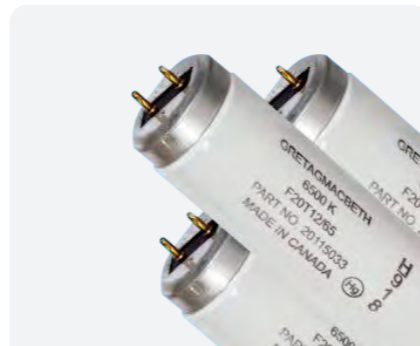


PHILIPS D65 lamp

Model: TLD18W/965

Size: 60cm

Brand: PHILIPS



GRETAGMACBETH D65 lamp

Model: F20T12/65 6500K

Size: 60cm

Brand: Macbeth



VeriVide D65 lamp

Model: F20T12/D65

Size: 60cm

Brand: VeriVide



Ecolux U35 lamp

Model: F17T8 SPX35 ECO

Size: 60cm

Brand: GE



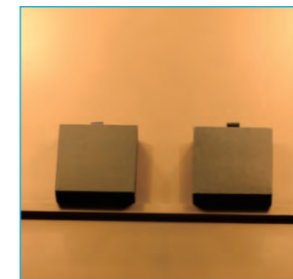
SYLVANIA D65 lamp

Model: F20T12/65 6500K 20W

Size: 60cm

Brand: SYLVANIA

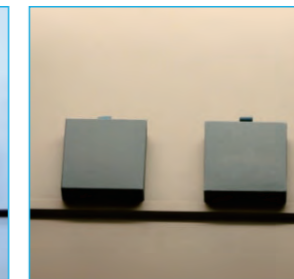
PRODUCT FEATURE



F



D65



TL84



UV

Technical process: high-quality aviation-grade material, easy installation, high temperature resistance, good heat dissipation performance;

Chromogenic performance: Multilayer coating with multispectral broad-band phosphors gives the best color development performance (Ra >= 96).

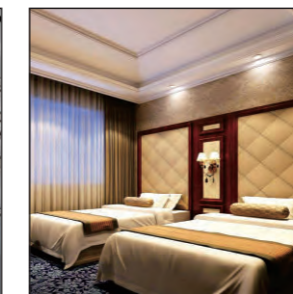
Efficiency guarantee: no need to preheat, low energy consumption, no heat, high luminous efficiency;

A variety of options: a variety of color temperature options to create a special lighting atmosphere, and a variety of professional lighting places to use.

APPLICATION



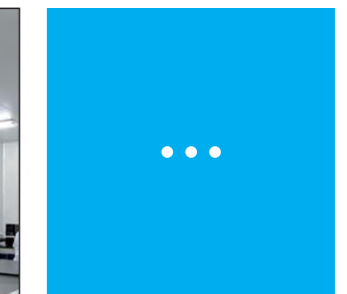
Shop window/shop



Family/hotel



Scientific research experiment



Other

Name	Color temperature	3nh	PHILIPS	VeriVide	GE	SYLVANIA	GretagMacbeth
D75 North Sky Daylight	7500K	✓					✓
D65 Artificial Daylight	6500K	✓	✓	✓		✓	✓
D50 Professional light source for printing	5000K	✓	✓				✓
CWF Cool White Fluorescent	4150K		✓		✓	✓	
TL84 Commercial lighting applications outside North America	4000K	✓		✓			
HOR Horizontal fluorescent lamp	3200K	✓				✓	
TL83 Warm White Fluorescent	3000K		✓			✓	
A American window spotlights, colorimetric reference lights	2856K	✓			✓	✓	
F Family hotel lights, colorimetric reference light source	2700K	✓					
UV Ultra-Violet	365nm	✓	✓			✓	