

Standard Light Source Box T90-7

TILO®



ISO9001



PRODUCT FEATURES

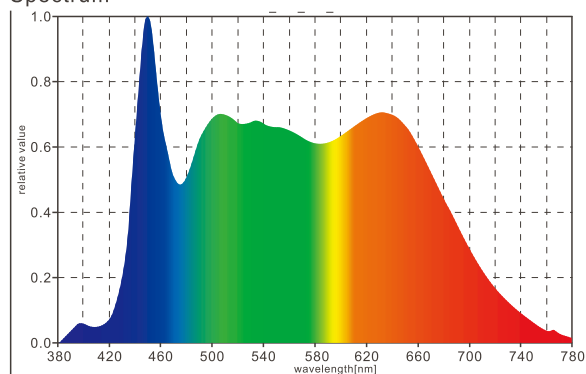
1. Use a new design that combines the advantages of British and American light boxes
2. 7 kinds of light source, 4 groups of LED light (Life up to 25000 times) 3 groups of fluorescent light source.
3. Displays the usage time and total times of each light source
4. The light source can be switched freely, with the function of metamerism
5. The name of light source can be changed, adding light source is more convenient
6. No stroboscopic, can ensure fast and reliable color evaluation
7. Low energy consumption, without heating (no need for heat dissipation), high luminous efficiency
8. The illuminance of the light source can be adjusted

Configured light source: D50、A、D65、U30、TL84、U35、UV

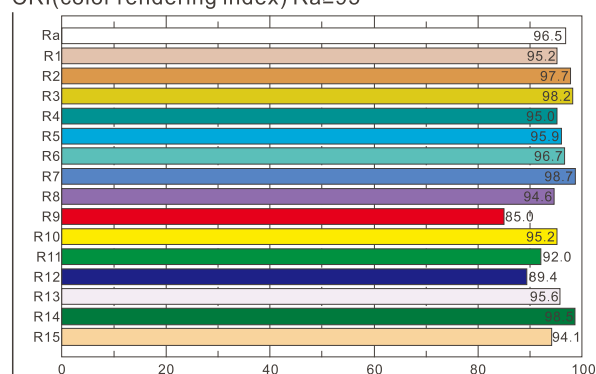
D50

D50 (LED) Model: 3nh TruD50 Power 15W

Spectrum



CRI(color rendering index) Ra≥95



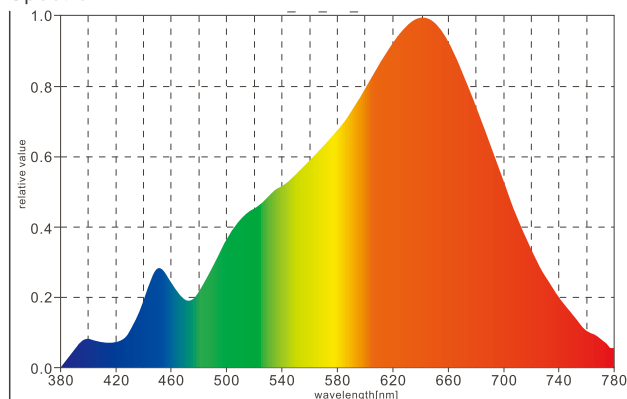
Features:

1. Color rendering index $Ra \geq 95$;
2. $CCT 5000 \pm 200K$;
3. No flicker. Dimmable
4. 60%+ is more efficient than fluorescent tubes and no mercury;
5. The PC tube is not easy to be damaged during transportation;

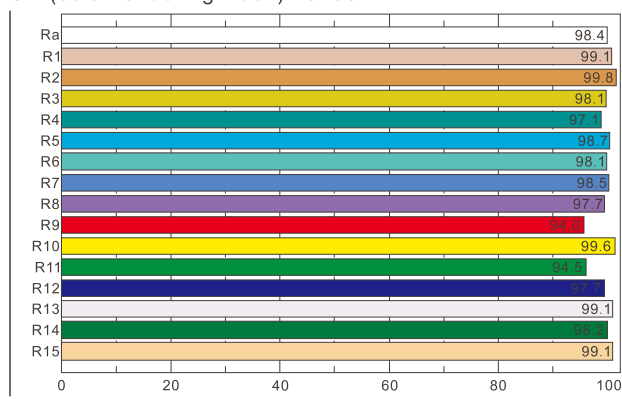
A

A (LED) Model: 3nh TruA Power 15W

Spectrum



CRI(color rendering index) Ra≥95



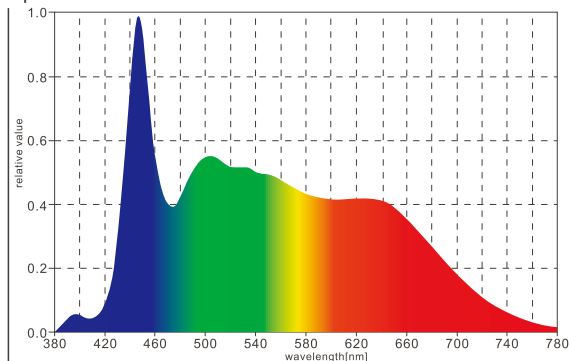
Features:

1. Color rendering index $Ra \geq 95$;
2. $CCT 2800 \pm 200K$;
3. No flicker. Dimmable
4. 60%+ is more efficient than fluorescent tubes and no mercury;
5. The PC tube is not easy to be damaged during transportation;

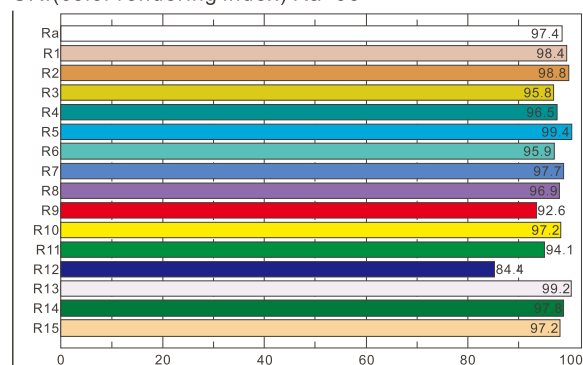
D65

D65 (LED) Model:3nh TruD65 Power 15W

Spectrum



CRI(color rendering index) Ra≥95



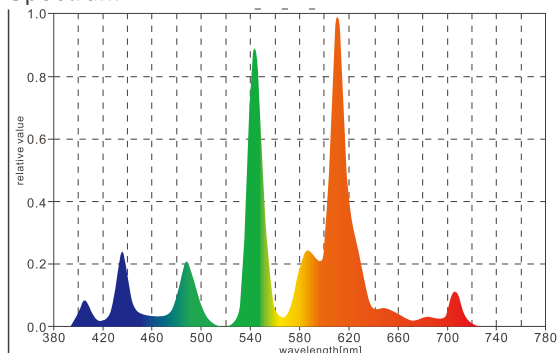
Features:

1. Color rendering index Ra≥95;
2. CCT6500±200K;
3. No flicker. Dimmable
4. 60%+ is more efficient than fluorescent tubes and no mercury;
5. The PC tube is not easy to be damaged during transportation;

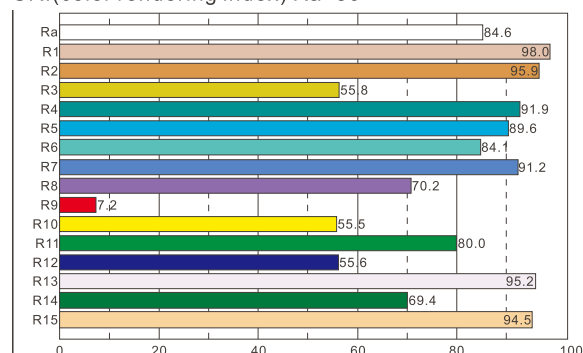
U30

U30 (fluorescent lamp) Model:SYLVANIA F025/830/XP/EC03 Power 25W

Spectrum



CRI(color rendering index) Ra≥80



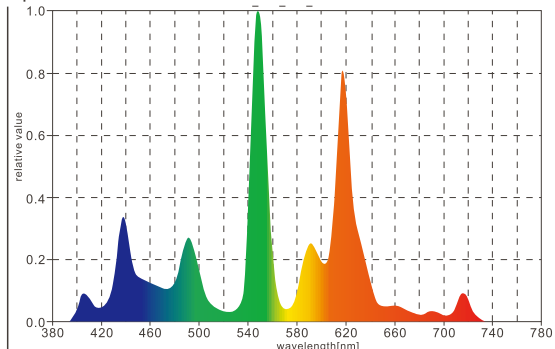
Features:

1. Color rendering index Ra≥80;
2. CCT3000±200K;
3. No flicker. Dimmable

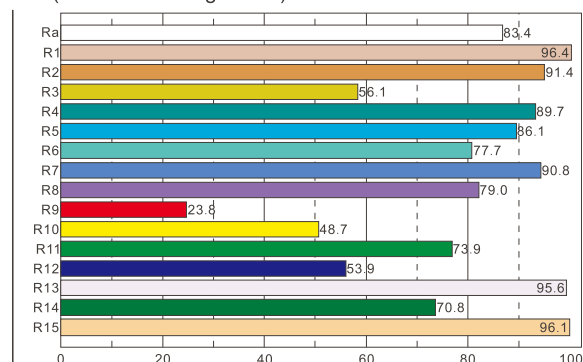
TL84

TL84 (fluorescent lamp) Model:PHILIPS TL-D30W/840 Power 30W

Spectrum



CRI(color rendering index) Ra≥80

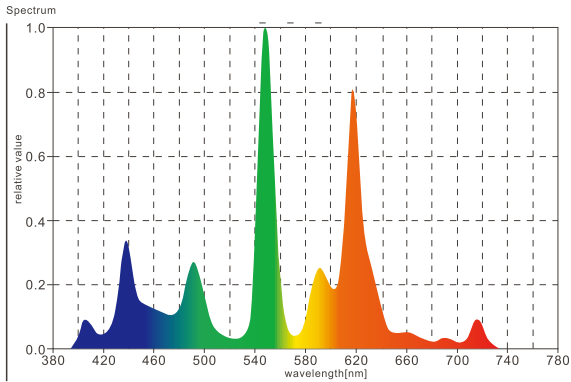


Features:

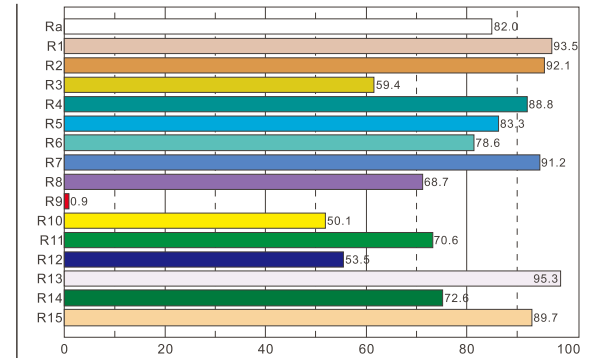
1. Color rendering index Ra≥80;
2. CCT4000±200K;
3. No flicker. Dimmable

U35

U35 (fluorescent lamp) Model: GE F25T8 SPX35 ECO Power 25W



CRI(color rendering index) Ra≥80



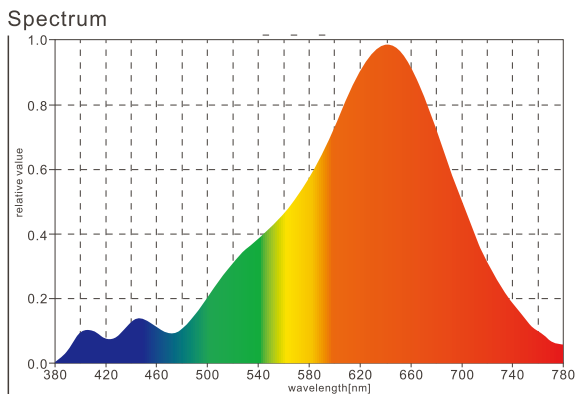
Features:

1. Color rendering index Ra≥80;
2. CCT3500±200K;
3. No flicker. Dimmable

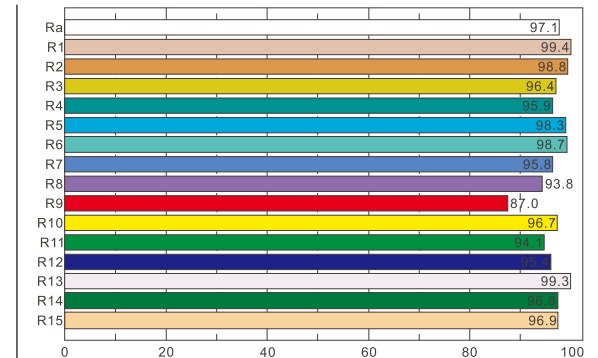
Optional light source: H、D75、CWF、TL83

H

H (LED) Model: 3nh TruH Power15W



CRI(color rendering index) Ra≥95



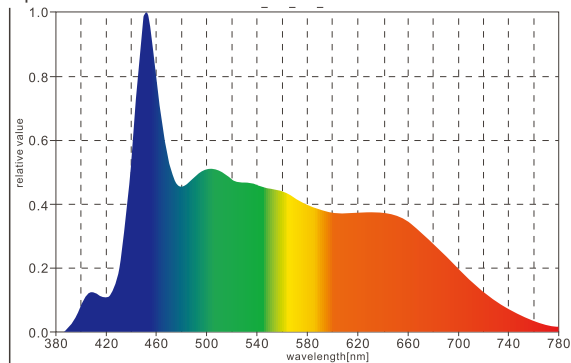
Features:

1. Color rendering index Ra≥95;
2. CCT2300±100K;
3. No flicker. Dimmable
4. 60%+ is more efficient than fluorescent tubes and no mercury;
5. The PC tube is not easy to be damaged during transportation;

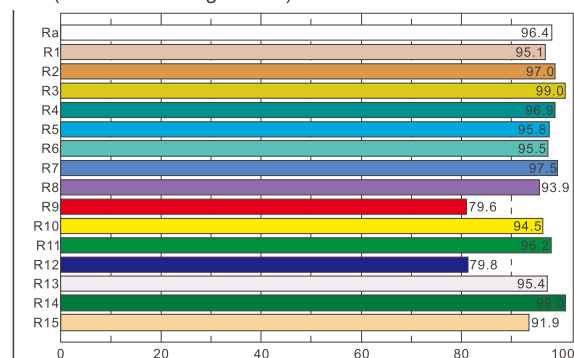
D75

D75 (LED) Model:3nh TruD75 Power 15W

Spectrum



CRI(color rendering index) Ra≥95



Features:

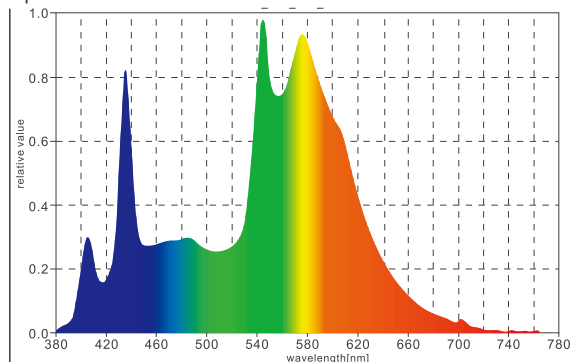
- 1.Color rendering index Ra≥95;
- 2.CCT7500±200K;
- 3.No flicker. Dimmable

- 4.60%+ is more efficient than fluorescent tubes and no mercury;
- 5.The PC tube is not easy to be damaged during transportation;

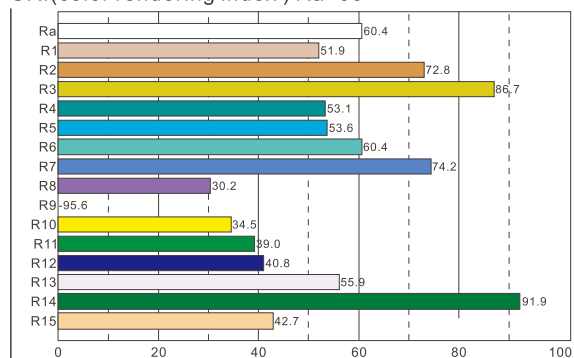
CWF

CWF (fluorescent lamp) Model:SYLVANIA F30T8/CW Power 30W

Spectrum



CRI(color rendering index) Ra≥60



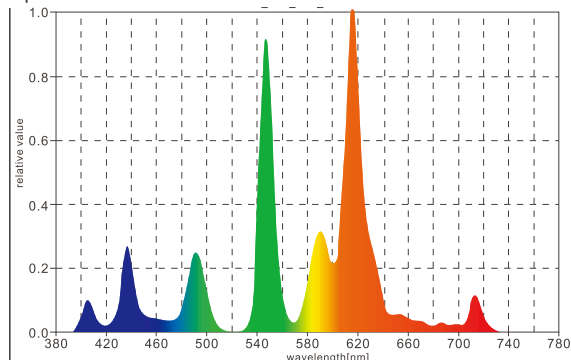
Features:

- 1.Color rendering index Ra≥60;
- 2.CCT4150±200K;
- 3.No flicker. Dimmable

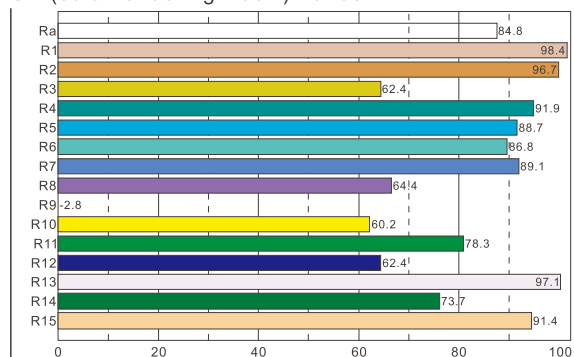
TL83

TL83 (fluorescent lamp) Model:PHILIPS TL-D30W/830 Power 30W

Spectrum



CRI(color rendering index) Ra≥80



Features:

- 1.Color rendering index Ra≥80;
- 2.CCT3000±200K;
- 3.No flicker. Dimmable

The T90-7 light box is controlled by a programmable text controller and PLC, which is more convenient to operate and use. Various light sources can be switched freely, and the number of times and hours of use of each light source can be displayed and can be cleared. The work surface and surrounding area are neutral colors, and the gloss is low. To avoid interference from outside light, outside light should not directly illuminate the opening of the observation box.

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.

APPLICATION INDUSTRY

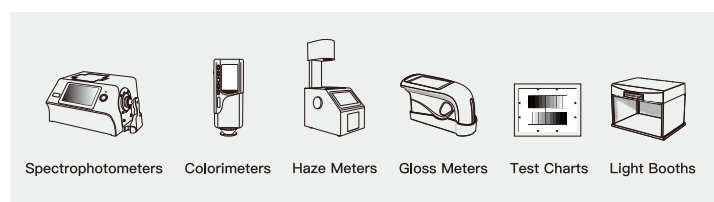
The T90-7 lightbox consists of an observation box, a light source box, a control panel, a dimming knob, and a handle. It is used to accurately calibrate the color deviation of products and is widely used in color fields such as textiles, printing and dyeing, printing, plastics, pigments, paints, oil films, photography, etc.



PRODUCT PARAMETERS

Brand	TILO	
Model	T90-7	
Weight	60Kg	
Size(S*D*H)	1008x716x898mm	
Standard Light source	ASTM/BS/CIE/ISO/DIN/TL84/ANSI	
Light source	D65/A/D50/UV/U30/TL84/U35	
Power supply	AC 220V~240V,50/60Hz	
The standard light tube specifications		
Model	Quantity	Specs Parameter
LED light 1 3nh TruD65	2 pcs	15W, CC 6500±200K, Ra95
LED light 2 3nh TruA	2 pcs	15W, CCT2850±200K, Ra96
LED light 3 3nh TruD50	2 pcs	15W, CCT5000±200K, Ra95
LED light 4 3nh TruUV	2 pcs	15W, wavelength 360-390nm
fluorescent 1 SYLVANIA F025/830/XP/EC03	2 pcs	25W, CCT3000±200K, Ra80
fluorescent 2 PHILIPS TL-D30W/840	2 pcs	30W, CCT4000±200K, Ra85
fluorescent 3 GE F25T8 SPX35 ECO	2 pcs	25W, CCT3500±200K, Ra85

★ CONTACT US



Shenzhen Tilo Technology Co., Ltd.

GUANGDONG THREEENH TECHNOLOGY CO.,LTD.

web: www.tilo.net

Email: tilo@tilo.cn

Tel: 0086-020-82880288

Add: 6-8th floors, Building B33, Low Carbon Headquarters Park, Xincheng Road No.400, Zengcheng District, Guangzhou, Guangdong Province, China