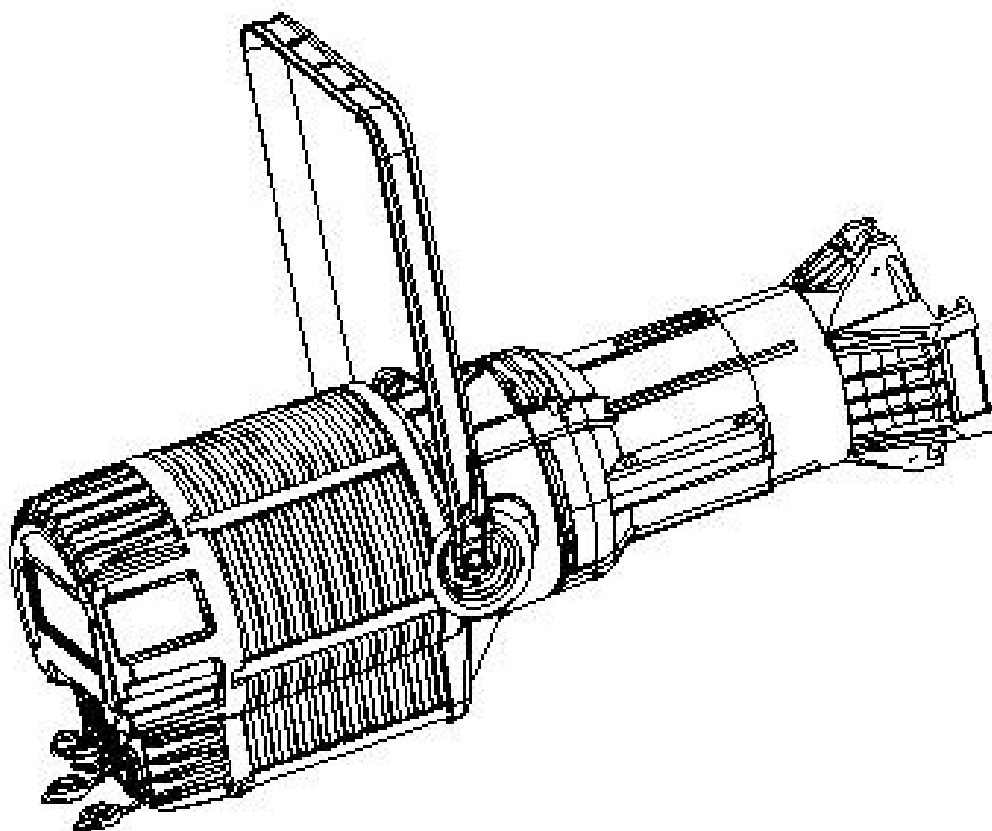


LUXE BIANCO 350 VW



Please read it carefully

Index

1. Before you work.....	2
2. Specification.....	3
3. How to set the unit.....	4
4. How to control the unit.....	5
5. Troubleshooting	8
6. Fixture Cleaning.....	9



W A R N I N G

Please read the instructions carefully which includes important information about the installation, operation and maintenance.

1.1 Packing instructions :

When you get this product, please take it from carton carefully to make sure whether all the accessories are in and damaged or not. When you find that there are any parts or wrong sign with the carton, or non-operation, please inform us and to keep the carton and shipping bill completely.

1.2AC Power:

Please check the manual before you operate the light. The rating current of the light listed which shows the average

current-consume under the normal circumstances.

All the lights must be offered shoot-through circuit, it could not be connected dimmer circuit, although the dimmer channels are completely for 1-100% switch.

Before the light's working, please confirm the correct voltage.

1.3 Safety instruction:

Please confirm the same voltage to the light.

Please confirm there is no flammable material around the light.

The light must be set up the ventilating place. The distance is $\geq 51\text{cm}$ around approach material. To check the air passage is ok at any time.

The Maximum temperature is $\leq 40^{\circ}\text{C}(104^{\circ}\text{F})$.

When the lights has problems, please stop to use to contact the supplier. Don't repair it by yourself!

Don't connect by a dimmer.

To confirm the power wire is straight and non-damaged. Don't pull it directly.

Don't look at the bulb when the light is working to avoid any hurt.

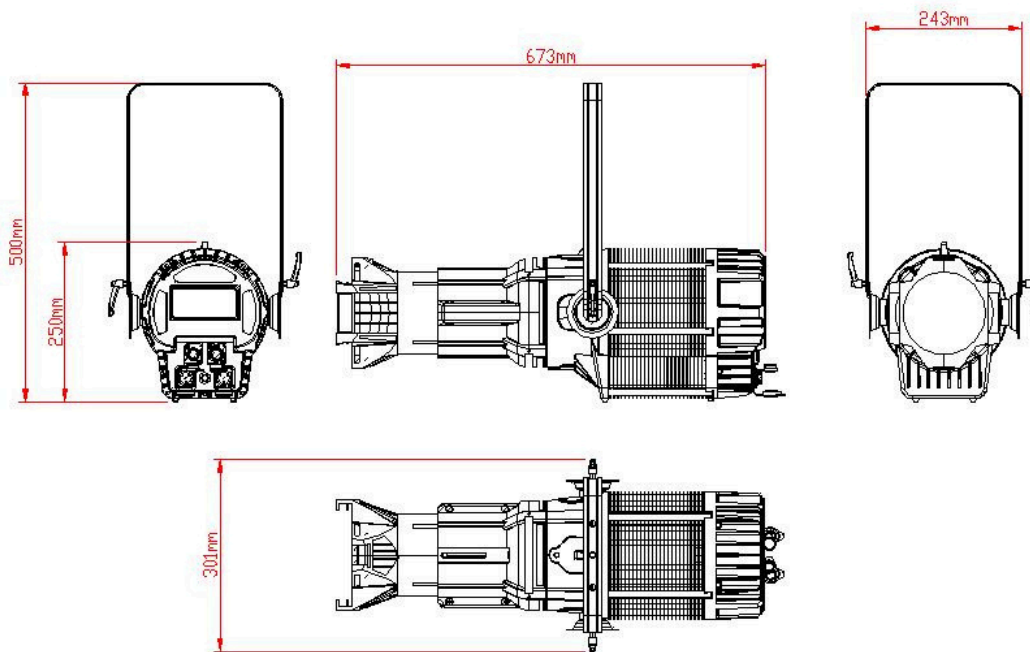
Installation:

The light fixture should be bolted to the quick-lock hook. To ensure that the installation is firmly, in order to prevent vibration and slip during operation. Also make sure that the structure attached to the light fixture can support 10 times the weight of it. At the same time, a safety line is used to support 12 times the weight of the light fixture.

The installation of the light fixture should be carried out by professionals, and should be installed in places that are not accessible to people or where no one will casually pass by.

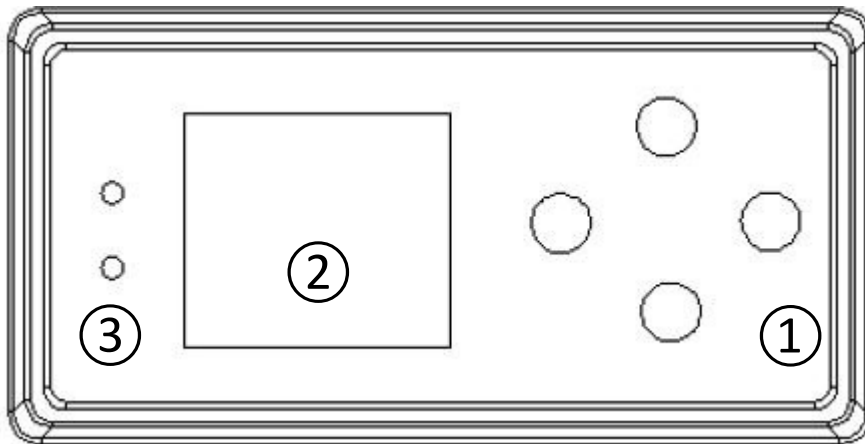
2. Specification

item	Led spot light
Input voltage	AC100-240V, 50/60HZ
Power consumption	350W
Led source	WW+CW
CCT	2700K-6500K
Color rendering	CRI (average): ≥ 95
Dimming curve	4 kinds
PWM	2-25K
Zoom	Manual
Angle	$15^{\circ} - 55^{\circ}$
Control mode	DMX512/RDM
Dmx channel(manual)	3/7CH
material	Aluminum die-cast+aluminum alloy
cooling	fan
Power connection	Powercon in/out
Dmx connection	3pin XLR in/out
installation	Clamp or 28mm casing pin(optional)
dimension	673*301*500mm
N.W	kg
IP rate	IP20
Barndoor	included
Color clip	optional



3.How to set the unit

Control menu



① Button:

MENU	Go to menu selection
DOWN	Go to the next option
UP	Go back to the previous option
ENTER	Confirm the selected function

② Touch screen: LCD 1.77 TFT display various function menus

③ LED:

POWER	on	Power indicate
-------	----	----------------

DMX	on	currently DMX signal input
-----	----	----------------------------

4.How to control the unit

Turn on the light fixture, press the MENU button to enter the MENU mode, use the knob to find the menu, when the preset menu is displayed on the display screen, press the menu button to confirm, use the knob to select the sub menu, press the knob to save the settings or automatically return to the upper menu.

The main functions are as followings:

Main menu	sub menu	Tertiary menu	Default value
CCT	CCT	2700K--6500K	2700K
	dim	0--100%	100%
WB	A	0--100%	0%
	W	0--100%	0%
	D	0--100%	100%
root	PIN	----- (UP ↑) (DOWN ↓)	
	Wcurrent	020--255	235
	Acurrent	020--255	235
	LED PIN	A/ B	A
	temperature	40--80	55
	push	Yes/No	No
	New PIN		
macro	color	WA	WA
	effect	PJ/GI/PT	PJ
	speed	0--100%	50%
	dim	0--100%	100%
DMX	add	001-512	001
	CH	3CH/7CH	7CH
setting	SG	clear	clear
		keep	
	SS	Yes/No	NO
	中	中文	English
		English	
	bkgrd	R	065
		G	105
		B	230
	DC	linear	linear
		square	
		reversal	
		S line	
	DF	2-19K	14K
	dim mode	stage	stage
		theatre	
meeting			
FC	controllable	controllable	
	long turn		
RES	Factory reset Yes/No	NO	
LOOK	Yes/No	ON	

	turn	Yes/No	NO
	LOGO	Yes/No	NO

DMX setting

Select DMX Settings, press the MENU knob to enter Menu mode, and use the knob to select: DMX Address or Channel mode.

DMX address

Select the DMX address and press the MENU button to enter. Use the knob to adjust the DMX address (1~512). Once the desired DMX address is selected, press the MENU knob to save.

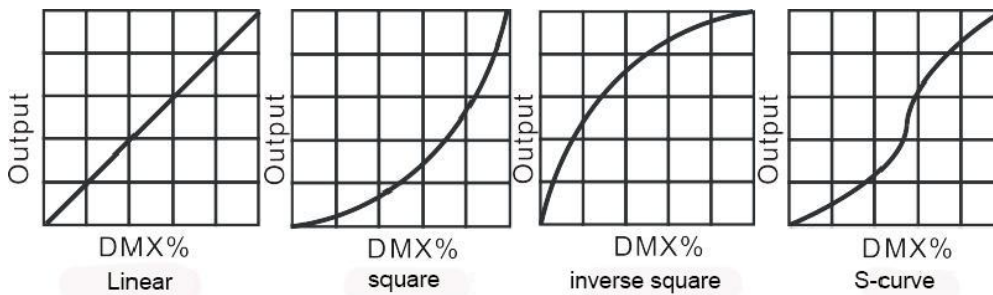
Channel mode

Select Channel mode and press the MENU button to enter. Use the knob to select: 2CH

Dimming curve

Select the dimming curve and press the MENU knob to enter. Use the knob to select: linear, square, inverse square, or S-curve.

Curve details check below:



Mode 1 (linear) : With the increase of DMX value, the increase of light intensity tends to be linear:

Mode 2 (square rate) : The lines are finer when the light intensity is controlled at a low value.

The line is thicker when the value is high:

Mode 3 (inverse square rate) : The lines are thicker when the light intensity is controlled at a low value.

In the high value of the line is thinner:

Mode 4 (S-curve) : The light intensity is controlled at low and high values with fine lines, and at intermediate values with thick lines.

DMX address setting

When using a universal DMX controller to control a light fixture, you need to set the starting address (1-512) for the that the light can receive the DMX signal.

Press the MENU knob to enter MENU mode, select DMX settings, MENU knob to confirm, select DMX address, MENU knob to confirm, the current address will be displayed on the display screen, and then use the Menu knob to select address code (1-512).

Please refer to the chart below to set the address of the first 4 fixtures:

Channel mode	fixture 1 DMX address	fixture 2 DMX address	fixture 3 DMX address	fixture 4 DMX address
3CH	1	4	7	10
7CH	1	8	15	22

DMX512 channel:

3CH

Channel	function	description
1	WW dim	From dark to bright
2	CW dim	From dark to bright
3	CCT	2700K- 6500 K

7CH:

Channel	function	description
1	Dim all	From dark to bright
2	Strobe all	From slow to fast
3	Function selection	0-5 empty 6- 100 jump 101- 150 gradient 151-200 pulsation 201-255 sound active
4	Function speed	From slow to fast
5	WW dim	From dark to bright
6	CW dim	From dark to bright
7	CCT	270 0K - 650 0 K

5.Troubleshooting:

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

- The fixture does not work, no light
1. Check the connection of power and main fuse.
 2. Measure the mains voltage on the main connector.
 - Not responding to DMX controller
 1. DMX LED should be on. If not, check DMX connectors, cable to see if link properly.
 2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
 3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
 4. Try to use another DMX controller.
 5. Check if the DMX cables run near or run alongside high voltage cables that may cause damage or interference to DMX interface circuit.
 - Channel is faulty
 1. The stepper motor or motor lead may be damaged.

2. The drive circuit of the motor may be damaged

6. Fixture cleaning:

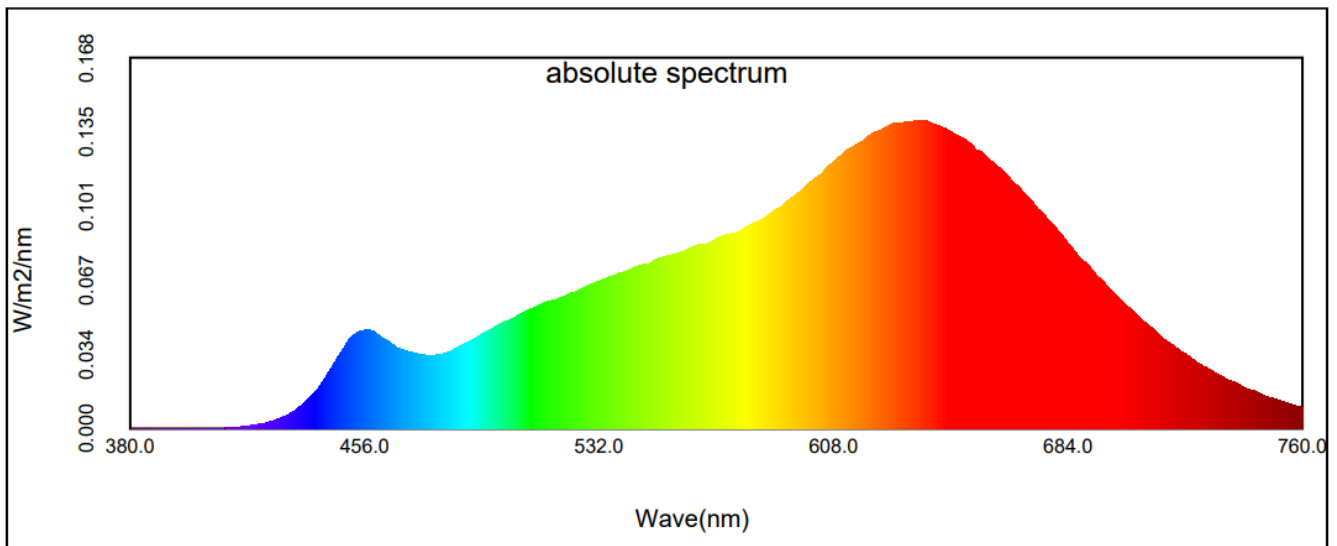
The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

□ Clean with soft cloth using normal glass cleaning fluid.

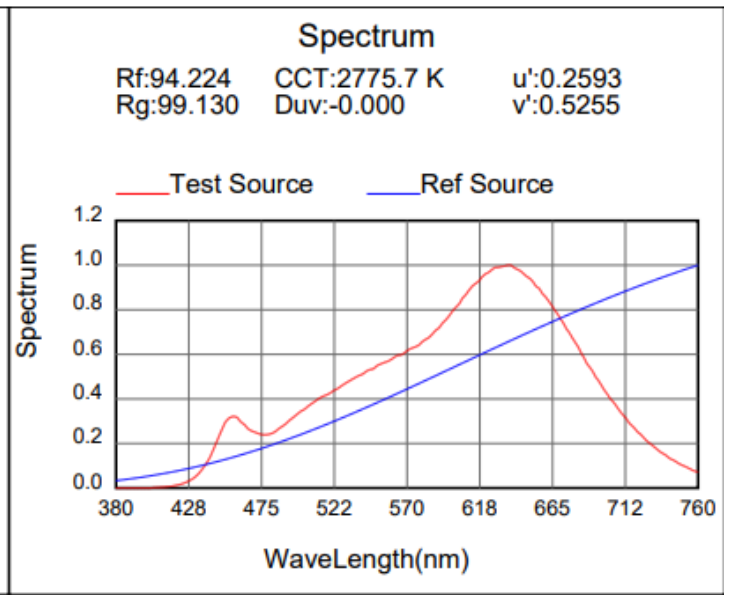
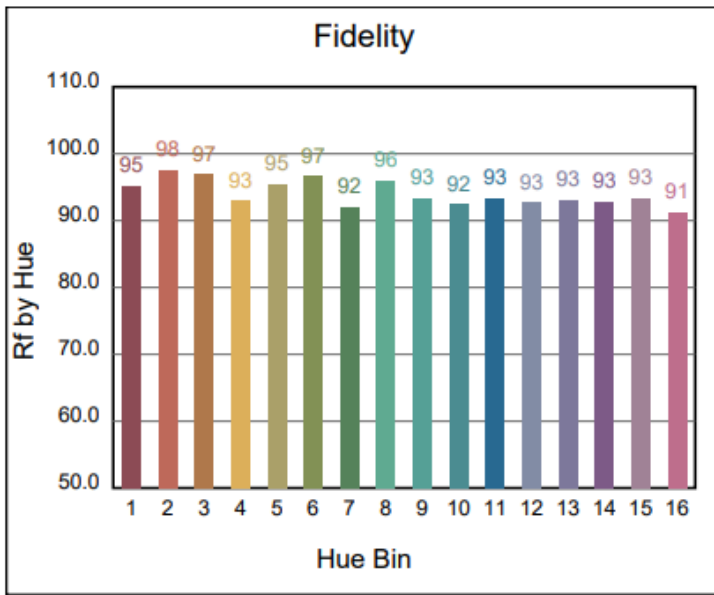
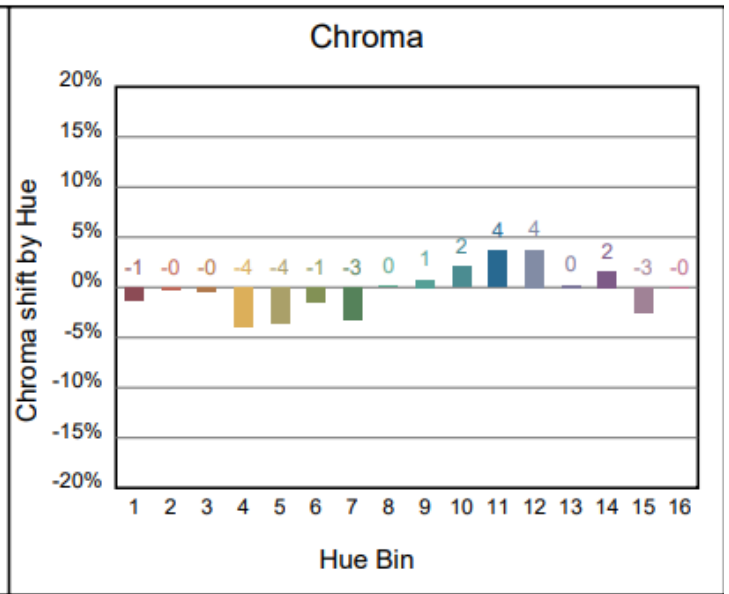
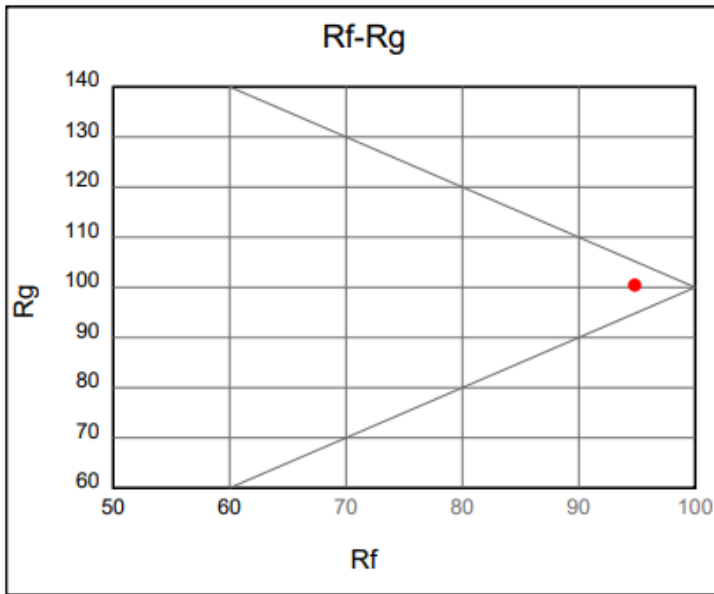
□ Always dry the parts carefully.

□ Clean the external optics at least every 20 days. Clean the internal optics at least every 20 days.

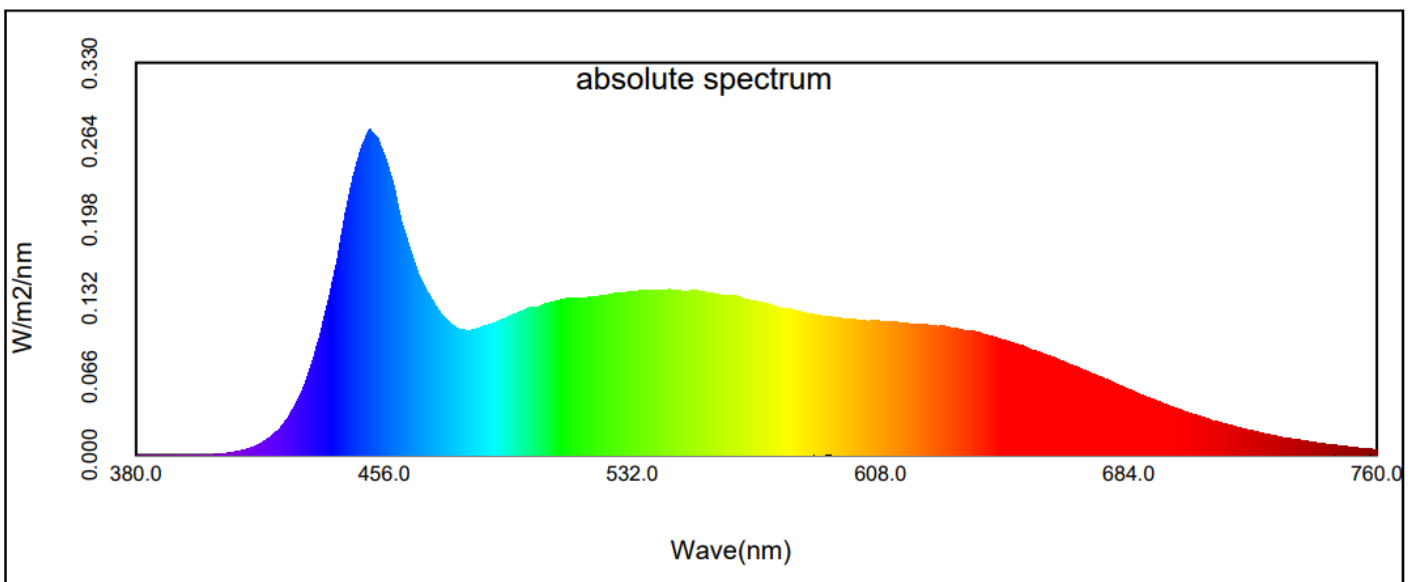
PHOTOMETRICS



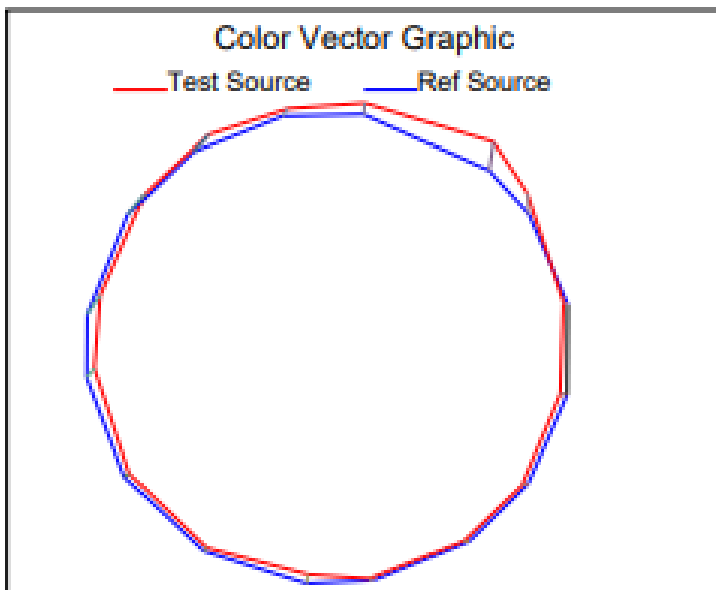
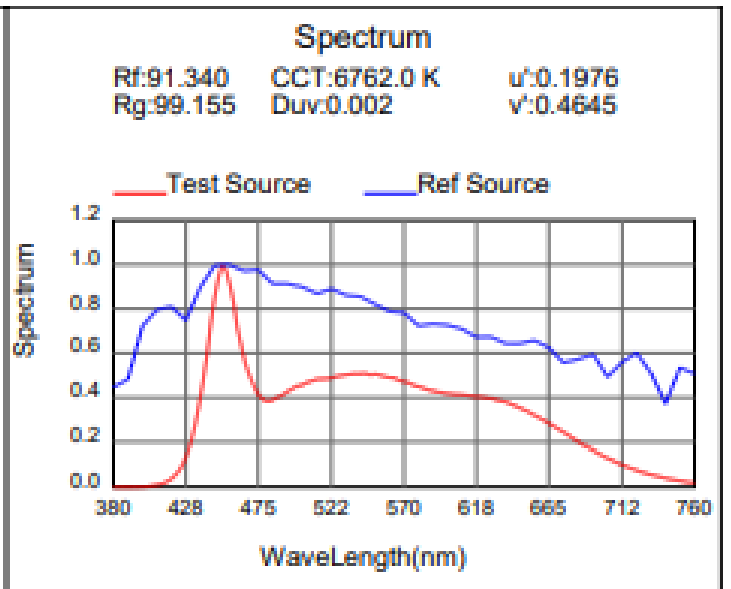
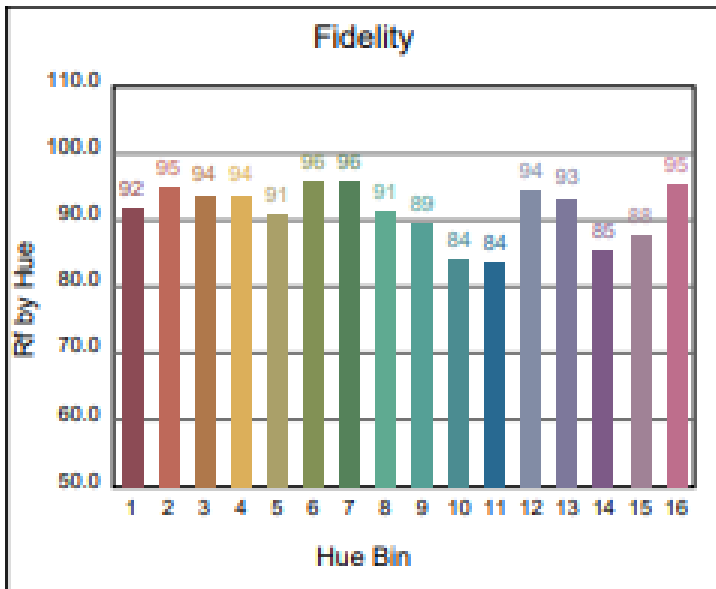
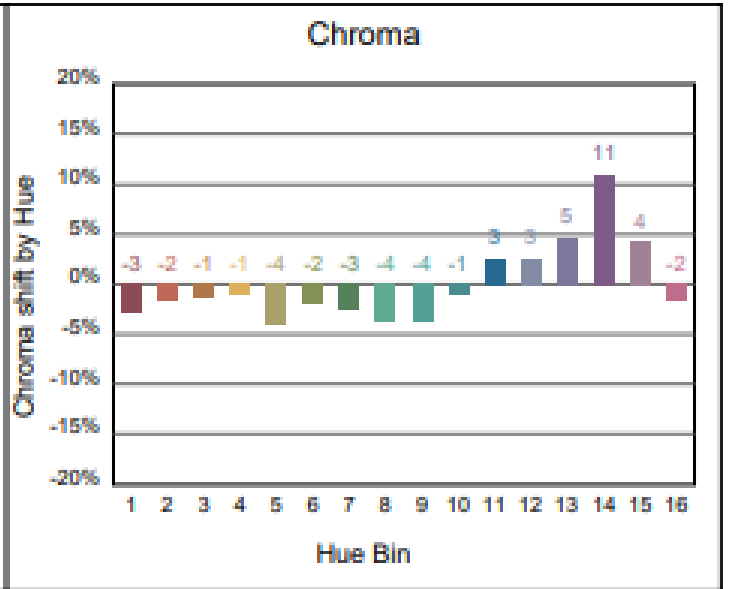
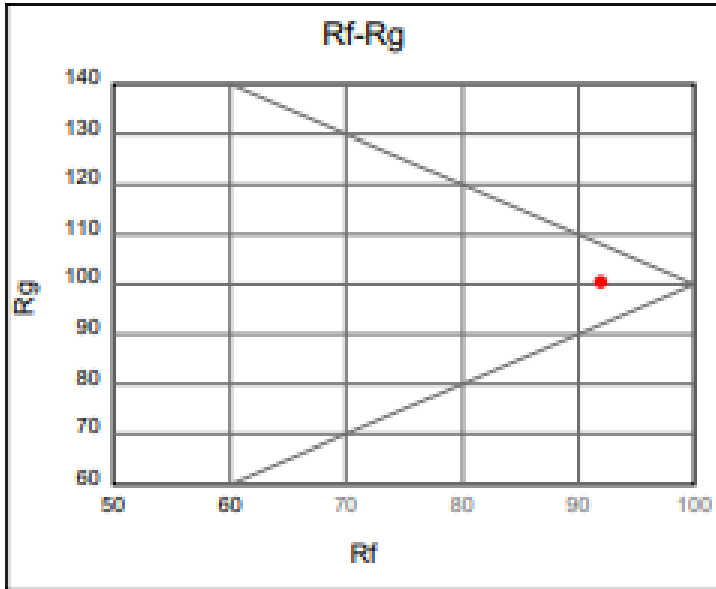
Items	value	Items	value	Items	value
Illuminance E(lx)	6136.8	E(fc)	570.33	Irradiance Ee(W/m²)	2.3349E1
Ee(W/m²)(500~600nm)	7.684E0	S/P	1.385	x	0.4534
y	0.4084	u'	0.2593	v'	0.5255
CCT(K)	2776	Duv	-0.00025	Lp(nm)	636.0
Ld(nm)	583.9	HW(nm)	155.7	Purity(%)	58.7
R ratio(%)	26.7	G ratio(%)	70.3	B ratio(%)	3.0
SDCM	2.3	Ra	97.6	R1	98.7
R2	98.6	R3	99.4	R4	98.7
R5	98.3	R6	95.9	R7	96.4
R8	95.1	R9	90.2	R10	98.4
R11	96.8	R12	88.8	R13	98.4
R14	98.6	R15	98.3	IP	42805.6
Integrating time	1.3	CQS	96.63	GAI EES	51.10
GAI_BB_8	100.4	GAI_BB_15	105.3	Rf	94
Rg	99	E(e,sc)(W/m²)	1.4525E0	E(e,mc)(W/m²)	7.1337E0
E(e,lc)(W/m²)	1.0192E1	E(e,rh)(W/m²)	5.0008E0	E(e,mel)(W/m²)	3.9413E0
K(v,sc)(W/lm)	2.3669E-4	K(v,mc)(W/lm)	1.1624E-3	K(v,lc)(W/lm)	1.6608E-3
K(v,rh)(W/lm)	8.1489E-4	K(v,mel)(W/lm)	6.4225E-4	E(v,sc)_D65(lx)	1.7772E3
E(v,mc)_D65(lx)	4.9002E3	E(v,lc)_D65(lx)	6.2570E3	E(v,rh)_D65(lx)	3.4495E3
E(v,mel)_D65(lx)	2.9719E3	r(v,sc)_D65	2.8960E-1	r(v,mc)_D65	7.9849E-1



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	95	-1	1
2	22.5° - 45.0°	98	-0	-0
3	45.0° - 67.5°	97	-0	-1
4	67.5° - 90.0°	93	-4	-3
5	90.0° - 112.5°	95	-4	0
6	112.5° - 135.0°	97	-1	2
7	135.0° - 157.5°	92	-3	4
8	157.5° - 180.0°	96	0	3
9	180.0° - 202.5°	93	1	4
10	202.5° - 225.0°	92	2	5
11	225.0° - 247.5°	93	4	3
12	247.5° - 270.0°	93	4	-3
13	270.0° - 292.5°	93	0	-5
14	292.5° - 315.0°	93	2	-5
15	315.0° - 337.5°	93	-3	0
16	337.5° - 360.0°	91	-0	-7



Items	value	Items	value	Items	value
Illuminance E(lx)	9273.7	E(fc)	861.87	Irradiance Ee(W/m ²)	3.3878E1
Ee(W/m ²)(500~600nm)	1.307E1	S/P	2.426	x	0.3091
y	0.3229	u'	0.1976	v'	0.4645
CCT(K)	6762	Duv	0.00190	Lp(nm)	452.0
Ld(nm)	486.0	HW(nm)	30.1	Purity(%)	9.0
R ratio(%)	14.9	G ratio(%)	78.2	B ratio(%)	6.9
SDCM	3.1	Ra	94.8	R1	95.1
R2	96.6	R3	94.8	R4	94.8
R5	94.2	R6	92.2	R7	97.1
R8	93.9	R9	83.0	R10	90.3
R11	94.6	R12	72.2	R13	96.3
R14	97.2	R15	95.1	IP	43739.0
Integrating time	0.5	CQS	91.10	GAI_EES	95.20
GAI_BB_8	93.68	GAI_BB_15	97.80	Rf	91
Rg	99	E(e,sc)(W/m ²)	7.8327E0	E(e,mc)(W/m ²)	1.3432E1
E(e,lc)(W/m ²)	1.5039E1	E(e,rh)(W/m ²)	1.3236E1	E(e,mel)(W/m ²)	1.2053E1
K(v,sc)(W/lm)	8.4461E-4	K(v,mc)(W/lm)	1.4484E-3	K(v,lc)(W/lm)	1.6217E-3
K(v,rh)(W/lm)	1.4273E-3	K(v,mel)(W/lm)	1.2997E-3	E(v,sc)_D65(lx)	9.5836E3
E(v,mc)_D65(lx)	9.2266E3	E(v,lc)_D65(lx)	9.2325E3	E(v,rh)_D65(lx)	9.1303E3
E(v,mel)_D65(lx)	9.0883E3	r(v,sc)_D65	1.0334E0	r(v,mc)_D65	9.9492E-1

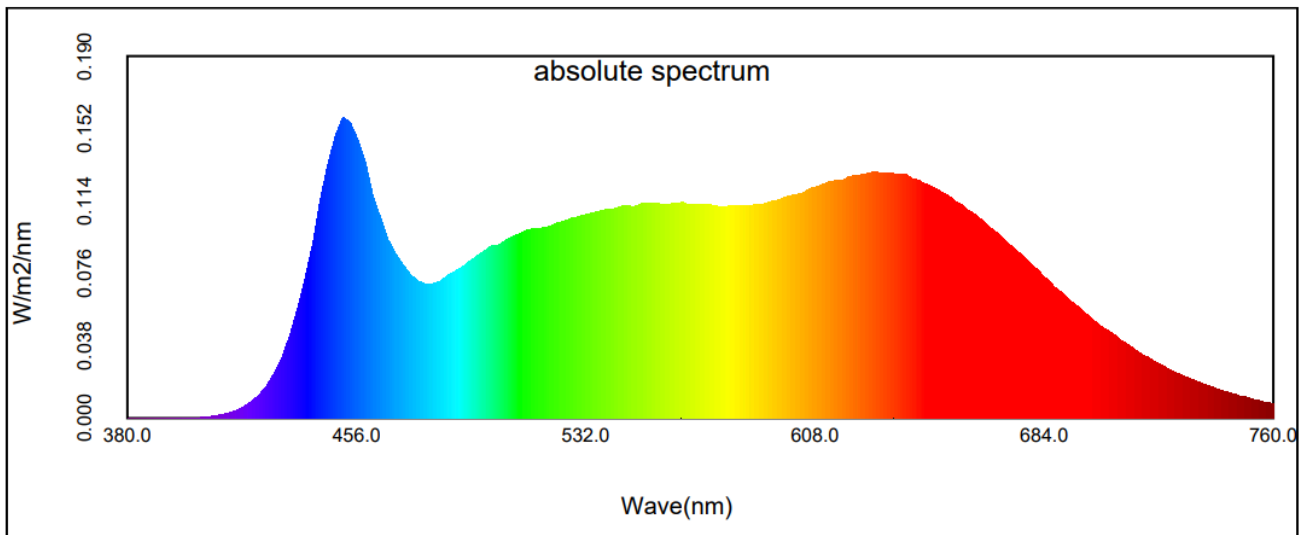
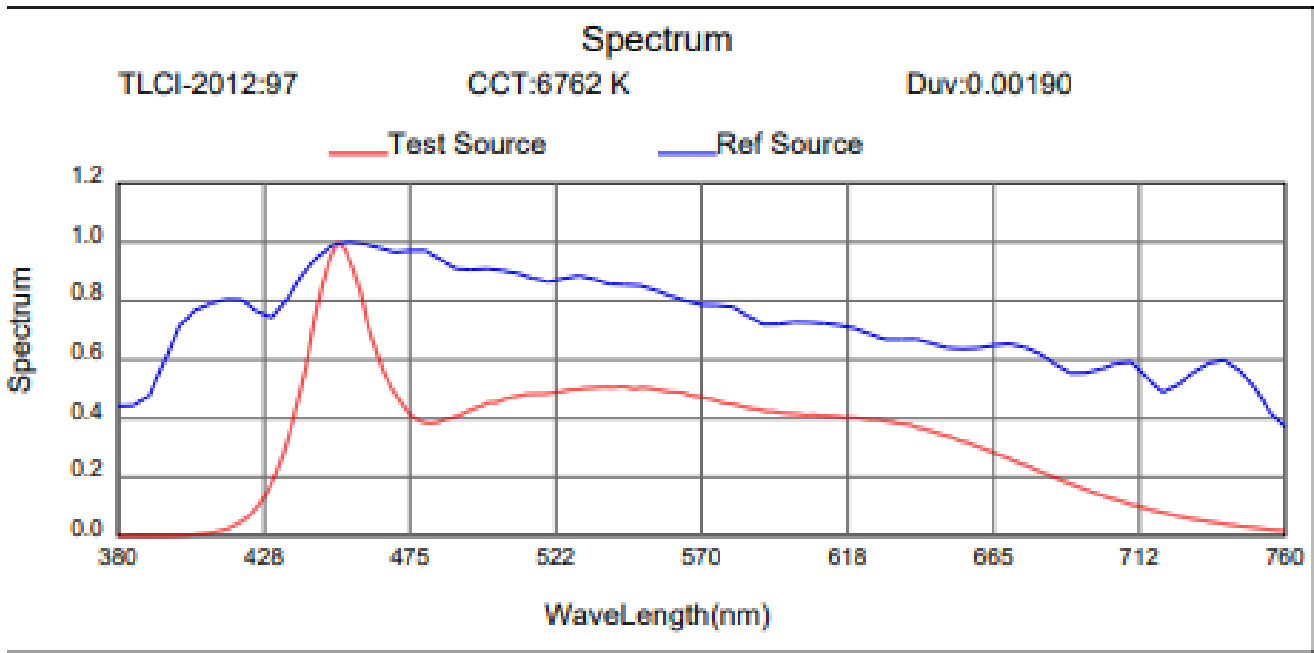


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	92	-3	0
2	22.5° - 45.0°	95	-2	2
3	45.0° - 67.5°	94	-1	2
4	67.5° - 90.0°	94	-1	2
5	90.0° - 112.5°	91	-4	-0
6	112.5° - 135.0°	96	-2	-0
7	135.0° - 157.5°	96	-3	-0
8	157.5° - 180.0°	91	-4	3
9	180.0° - 202.5°	89	-4	9
10	202.5° - 225.0°	84	-1	11
11	225.0° - 247.5°	84	3	9
12	247.5° - 270.0°	94	3	3
13	270.0° - 292.5°	93	5	-1
14	292.5° - 315.0°	85	11	-5
15	315.0° - 337.5°	88	4	-8
16	337.5° - 360.0°	95	-2	-1

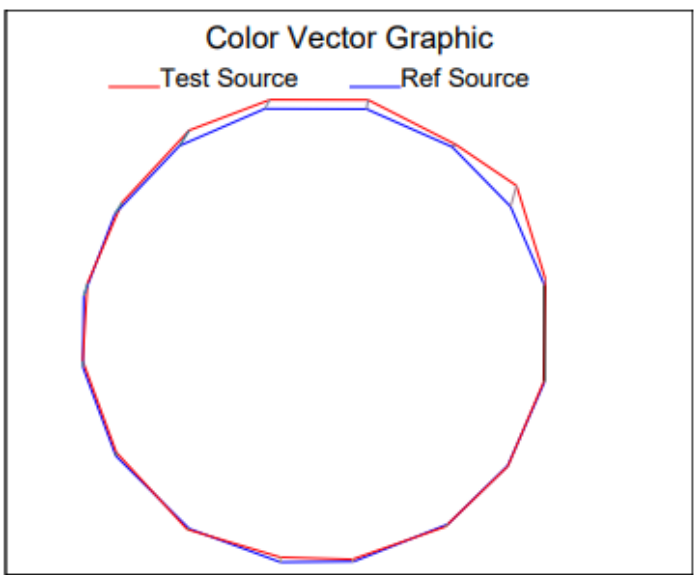
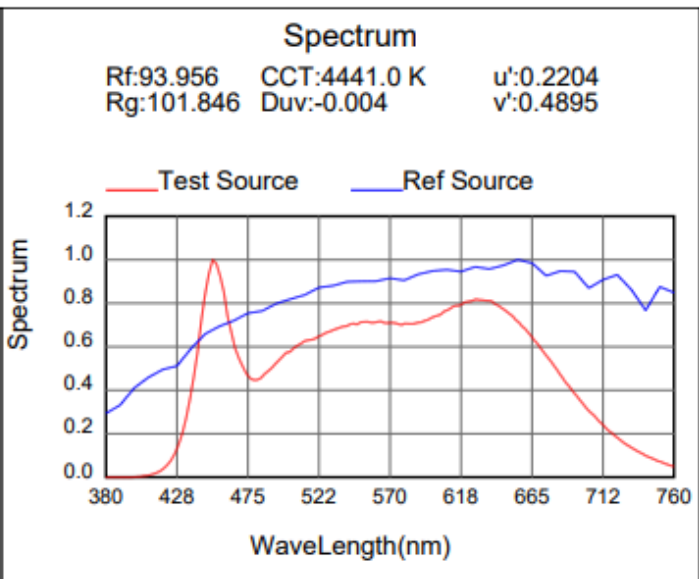
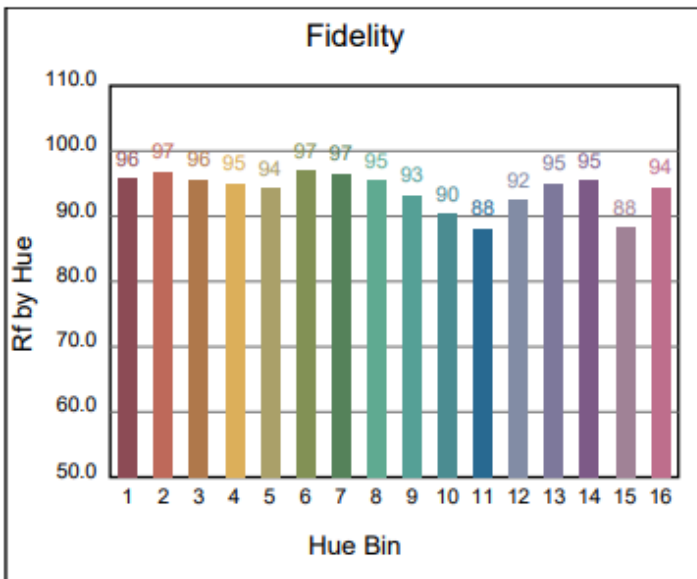
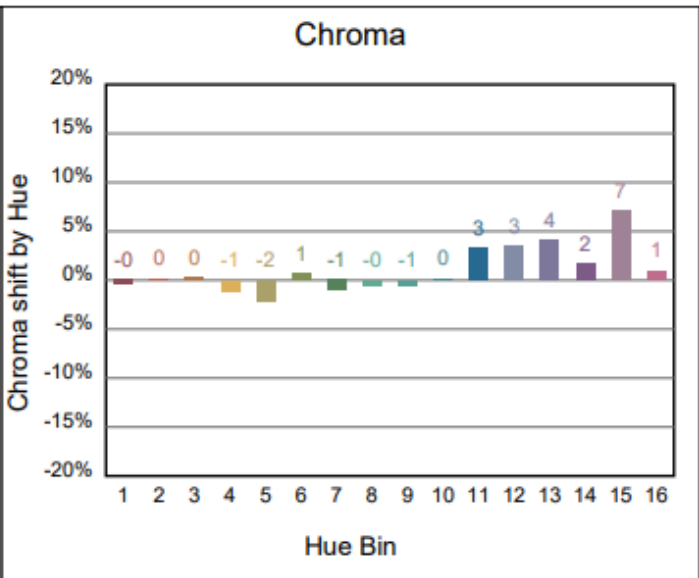
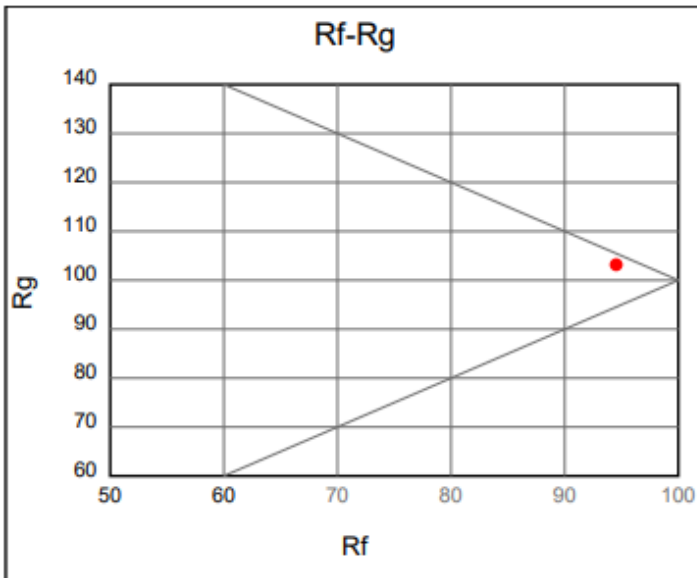
Sector	Lightness	Chroma	Hue
R	1	0	0
R/Y	0	0	-1
Y	-1	-0	-1
Y/G	-0	-0	-0
G	-1	-0	0
G/C	-0	0	0
C	0	0	0
C/B	0	-1	-2
B	-0	-2	-1
B/M	1	-1	1
M	1	1	1
M/R	1	0	1

Color





Items	value	Items	value	Items	value
Illuminance E(lx)	8008.9	E(fc)	744.32	Irradiance Ee(W/m²)	2.9649E1
Ee(W/m²)(500~600nm)	1.080E1	S/P	1.990	x	0.3613
y	0.3565	u'	0.2204	v'	0.4895
CCT(K)	4441	Duv	-0.00366	Lp(nm)	452.0
Ld(nm)	580.4	HW(nm)	32.8	Purity(%)	15.4
R ratio(%)	19.6	G ratio(%)	75.1	B ratio(%)	5.2
SDCM	5.8	Ra	97.8	R1	97.3
R2	98.7	R3	96.6	R4	99.3
R5	97.7	R6	95.7	R7	99.1
R8	98.1	R9	94.7	R10	98.5
R11	97.2	R12	79.2	R13	97.7
R14	97.6	R15	95.9	IP	43722.1
Integrating time	0.9	CQS	94.33	GAI_EES	88.05
GAI_BB_8	103.4	GAI_BB_15	107.0	Rf	94
Rg	102	E(e,sc)(W/m²)	4.6485E0	E(e,mc)(W/m²)	1.0661E1
E(e,lc)(W/m²)	1.3101E1	E(e,rh)(W/m²)	9.3768E0	E(e,mel)(W/m²)	8.1777E0
K(v,sc)(W/lm)	5.8041E-4	K(v,mc)(W/lm)	1.3312E-3	K(v,lc)(W/lm)	1.6358E-3
K(v,rh)(W/lm)	1.1708E-3	K(v,mel)(W/lm)	1.0211E-3	E(v,sc)_D65(lx)	5.6876E3
E(v,mc)_D65(lx)	7.3234E3	E(v,lc)_D65(lx)	8.0428E3	E(v,rh)_D65(lx)	6.4681E3
E(v,mel)_D65(lx)	6.1662E3	r(v,sc)_D65	7.1016E-1	r(v,mc)_D65	9.1441E-1



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	96	-0	0
2	22.5° - 45.0°	97	0	0
3	45.0° - 67.5°	96	0	2
4	67.5° - 90.0°	95	-1	0
5	90.0° - 112.5°	94	-2	0
6	112.5° - 135.0°	97	1	1
7	135.0° - 157.5°	97	-1	1
8	157.5° - 180.0°	95	-0	3
9	180.0° - 202.5°	93	-1	6
10	202.5° - 225.0°	90	0	6
11	225.0° - 247.5°	88	3	7
12	247.5° - 270.0°	92	3	3
13	270.0° - 292.5°	95	4	-0
14	292.5° - 315.0°	95	2	1
15	315.0° - 337.5°	88	7	-6
16	337.5° - 360.0°	94	1	-2