

## UPRTEK - $\mu$ SPECTRUM PC-SOFTWARE



### UPRtek uSpectrum PC Software

UPRtek design and produce handheld spectrometer not only provides an easier measurement method, but also abundant spectral information which is widely used in optics field.

The handheld spectrometer is not only integrating with smart device, but it's plentiful measurement data is also helping professional users to have advanced study and research via uSpectrum PC software.

The uSpectrum PC software can access up to 16pcs handheld spectrometers, and then conduct a single connection according to the requirements to increase the efficiency.

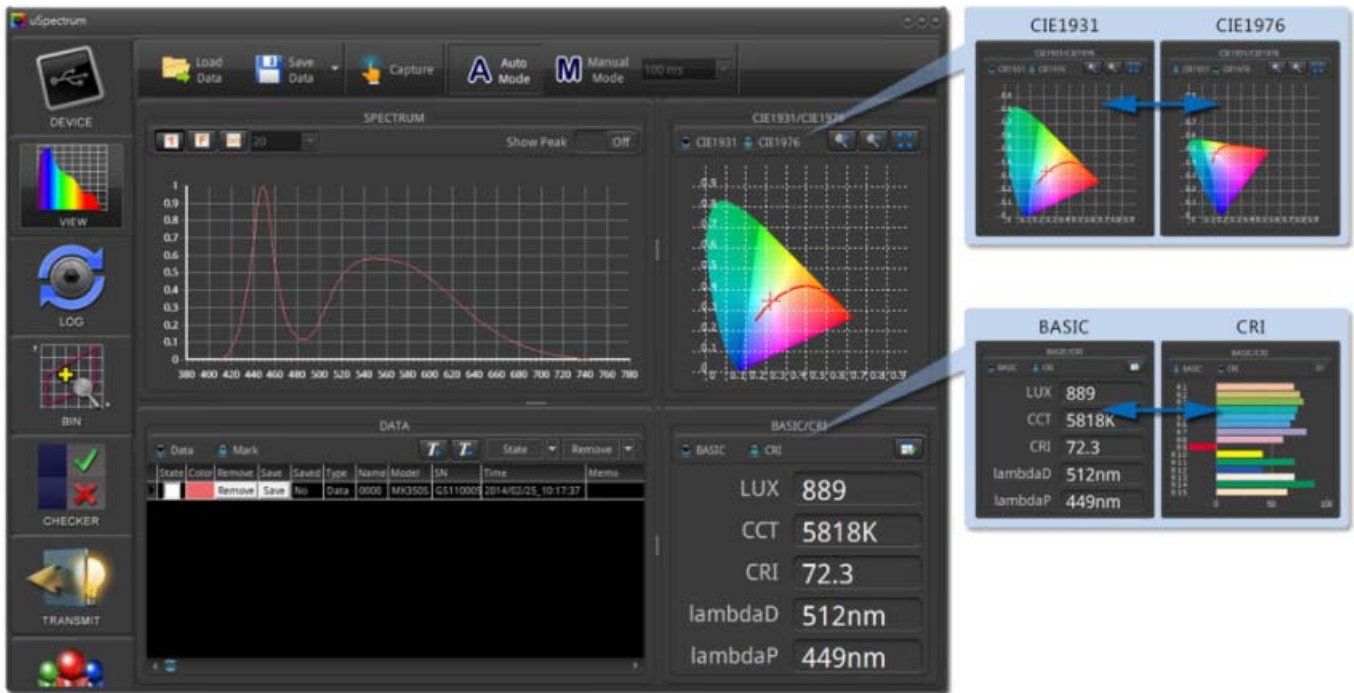


## uSpectrum VIEW-Mode

Including more than 50 measurement units.

Spectrum diagram, CIE color space and CRI chart for further analysis.

Customize your common used data on BASIC window. Simplify what you need.



## uSpectrum LOG-Mode

A long time measurement monitor

Meet the needs of product design on the different analysis.



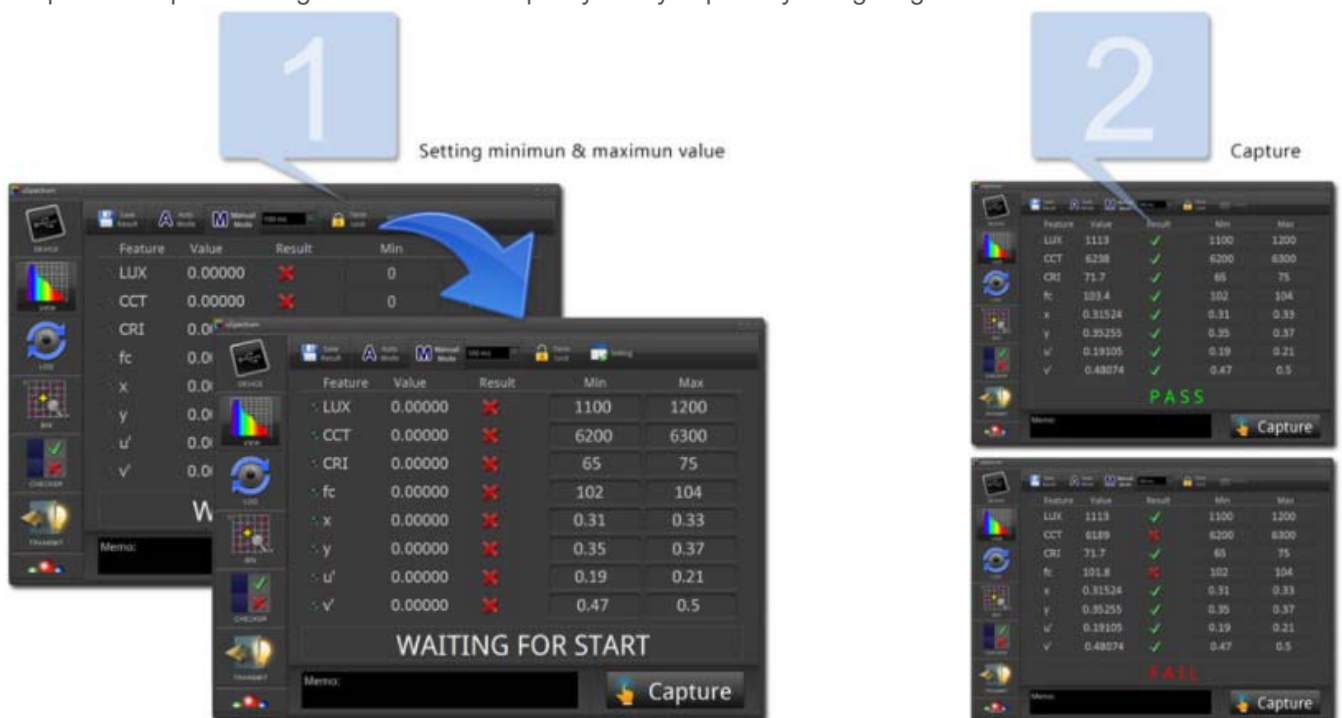
## uSpectrum BIN-Mode

BIN editor has build-in ANSI C78.377 and McAdams Ellipses. Besides, you may generate your own BIN chart according to what your need.



## uSpectrum CHECKER-Mode

Setup the acceptance range and control the quality easily especially for lighting manufacture..





## SPECTRUM TEST REPORT

Date : 2016/07/29

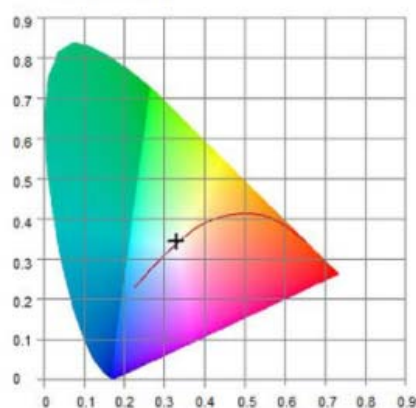
## ■ Information

User : maggie	Measure Time : 09:34:44
Model NO. : MK350D	Light Source : bbbb
Memo :	

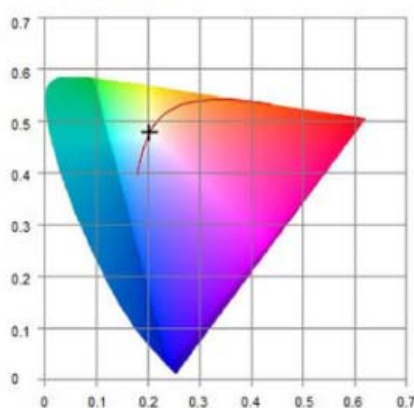
## ■ BASIC

CCT	: 5642K
LUX	: 97.65
I-Time	: 1000
Purity	: 2.30%
S/P	: 1.96

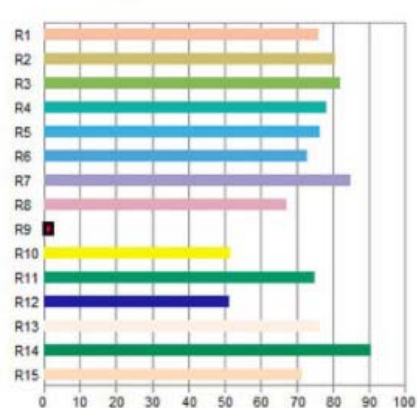
## ■ CIE1931



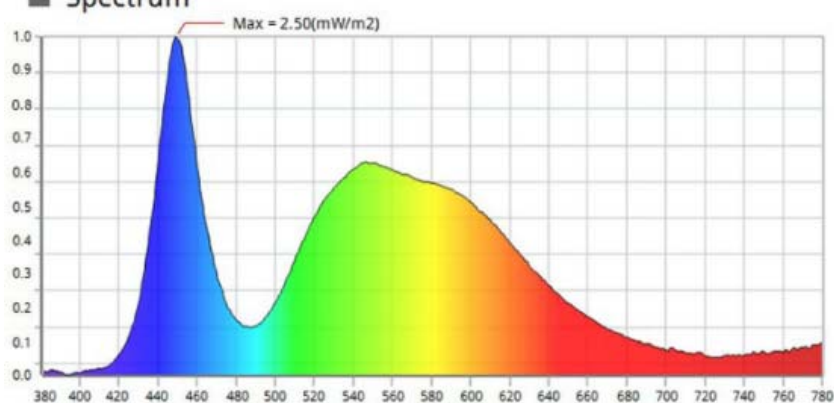
## ■ CIE1976



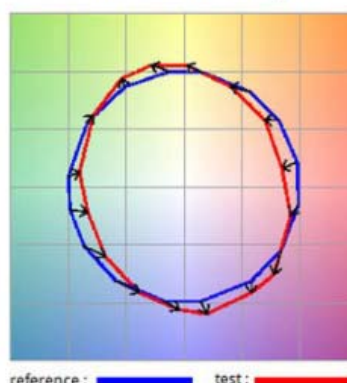
## ■ CRI



## ■ Spectrum



## ■ Color Vector Graphic



## ■ Features

CCT : 5642K	$\Delta x$ : -0.0001	Duv : 0.0030	Rf : 75.3	PPF-R : 0.392	R2 : 80.2	R9 : -2.3
LUX : 97.65	$\Delta y$ : 0.0058	$\lambda D$ : 530	Rg : 95.8	PPF-G : 0.655	R3 : 81.7	R10 : 51.5
I-Time : 1000	$\Delta u'$ : -0.0023	$\lambda P$ : 448	GAI : 84.8	PPF-B : 0.355	R4 : 78.0	R11 : 74.8
x : 0.3292	$\Delta v'$ : 0.0030	$\lambda PV$ : 2.5	TLCI : 61.8	PPF-UV : 0.013	R5 : 76.1	R12 : 51.0
y : 0.3442	X : 93.40	S/P : 1.96	CQS : 76.0	PPF-NIR : 0.162	R6 : 72.4	R13 : 76.0
u' : 0.2035	Y : 97.65	Purity : 2.30%	CRI : 77.0	Pct Flicker : 2.44 %	R7 : 84.6	R14 : 90.3
v' : 0.4786	Z : 92.69	fc : 9.075	PPF : 1.393	R1 : 75.9	R8 : 67.0	R15 : 71.2