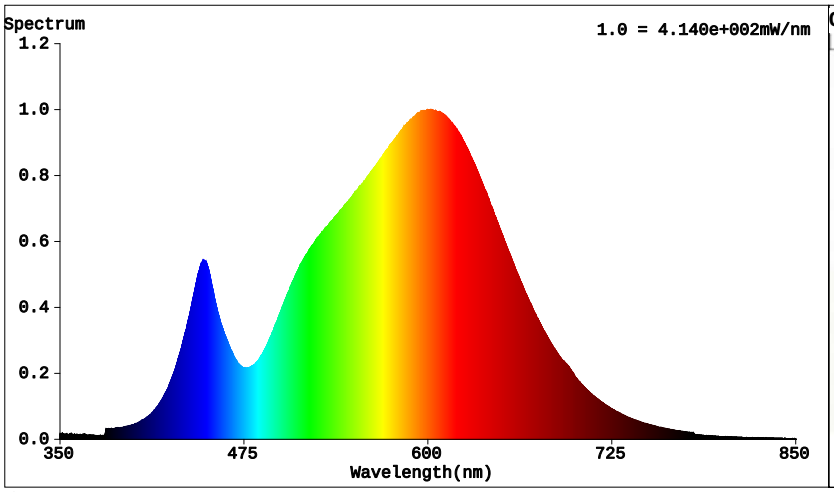
Spectrum Test Report

Sample	: 200W-COB	Date	: 2019-11-11 17:02:17
Specification	:	Standardtus	:
Sample No.	: 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 赵志桐
Remark	:		

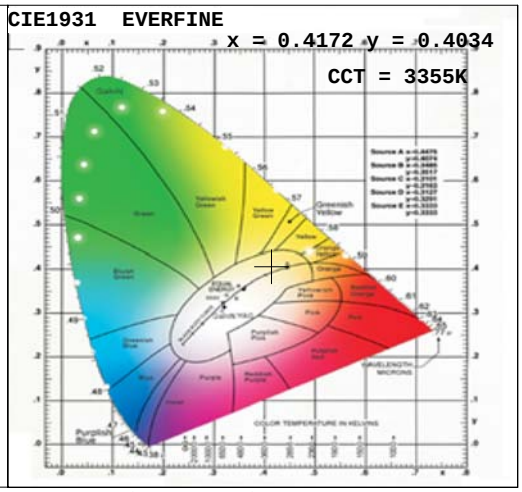
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-850nm	IP	: 41299 (63%)
Test Mode	: Fast Test	T	: 75 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4172 y = 0.4034 / u' = 0.2382 v' = 0.5182 (duv=2.96e-03) Dx,Dy:0.0035,0.0086

CCT= 3355K Prcp WL: Ld=580.3nm Purity=46.3%

Peak WL: Lp=602nm FWHM: =150.8nm Ratio:R=20.8% G=76.6% B=2.6%

Render Index: Ra = 83.3 AvgR = 77.2 TM30:Rf=84 Rg=96

R1 =81	R2 =88	R3 =94	R4 =83	R5 =81	R6 =84	R7 =87	
R8 =66	R9 =15	R10=72	R11=82	R12=69	R13=82	R14=97	R15=75

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 22687 lm Eff. : 116.88 lm/W Fe = 70.681 W

Flux of emitted photons(μmol/s):337.99 Fluo. and blue light ratio:7.037 Fluorescent eff.:317.5

B: 7.0681e+004mW

Photosynthetic:PPF(400-700nm):322.23μmol/s PRF(400-700nm):67599mW

Eff(PPF) (400-700nm):1.66μmol/s/W

Electrical parameters

V = 110.0 V I = 1.772 A P = 194.1 W PF = 0.9956 F=50.01 Hz

EVERFINE CORPORATION

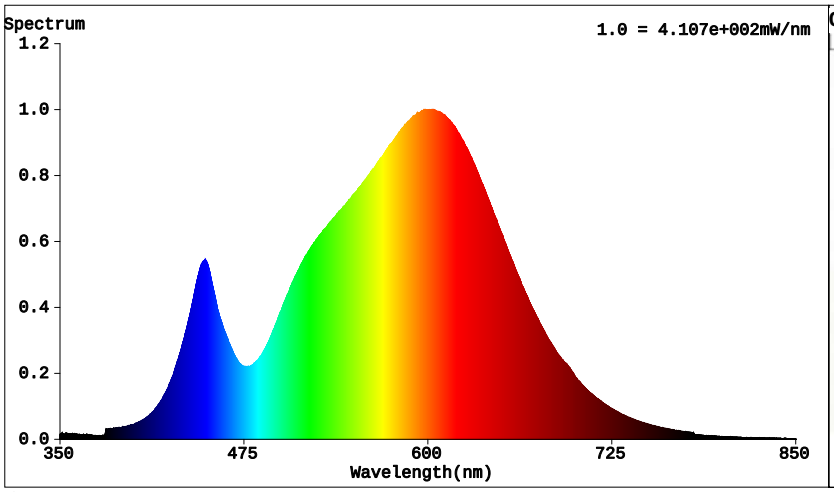
Spectrum Test Report

Sample	: 200W-COB	Date	: 2019-11-11 17:03:10
Specification	:	Standardtus	:
Sample No.	: 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 赵志桐
Remark	:		

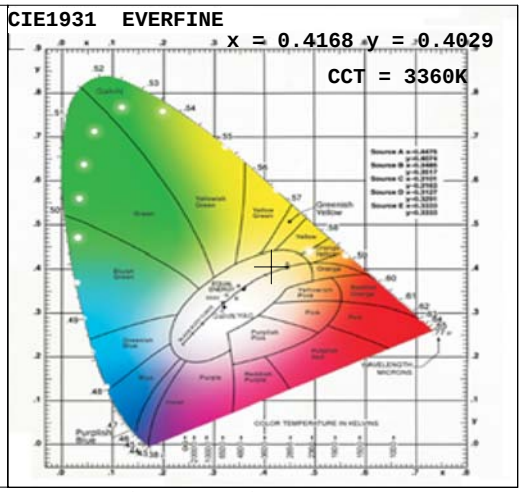
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-850nm	IP	: 40982 (63%)
Test Mode	: Fast Test	T	: 75 ms
Sensitivity	: High		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4168 y = 0.4029 / u' = 0.2381 v' = 0.5179 (duv=2.84e-03) Dx,Dy:0.0033,0.0082
CCT= 3360K Prcp WL: Ld=580.3nm Purity=46.0%
Peak WL: Lp=604nm FWHM: =150.5nm Ratio:R=20.7% G=76.6% B=2.7%

Render Index: Ra = 83.2 AvgR = 77.1 TM30:Rf=84 Rg=96

R1 =81	R2 =88	R3 =94	R4 =83	R5 =81	R6 =85	R7 =87	
R8 =66	R9 =15	R10=72	R11=82	R12=69	R13=82	R14=97	R15=75

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 22507 lm Eff. : 120.31 lm/W Fe = 70.174 W
Flux of emitted photons(μmol/s):335.47 Fluo. and blue light ratio:6.916 Fluorescent eff.:322.3
B: 7.0174e+004mW
Photosynthetic:PPF(400-700nm):319.74μmol/s PRF(400-700nm):67093mW
Eff(PPF) (400-700nm):1.71μmol/s/W

Electrical parameters

V = 220.4 V I = 0.8631 A P = 187.1 W PF = 0.9834 F=50.01 Hz