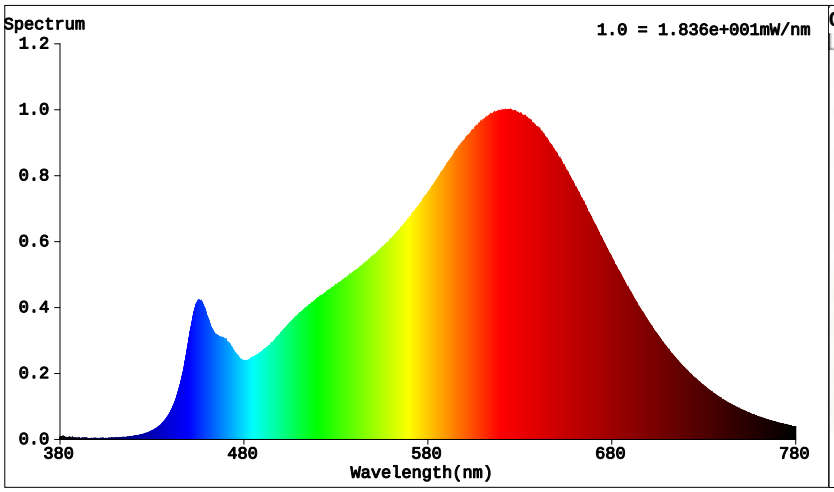
Spectrum Test Report

Sample	:	Date	: 2019-06-26 14:33:09
Specification	: FH19C-P0-G1 28HZ92728HZ960 24V120S W10L05	Sam. Status	:
Sample No.	: 4352	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	:		

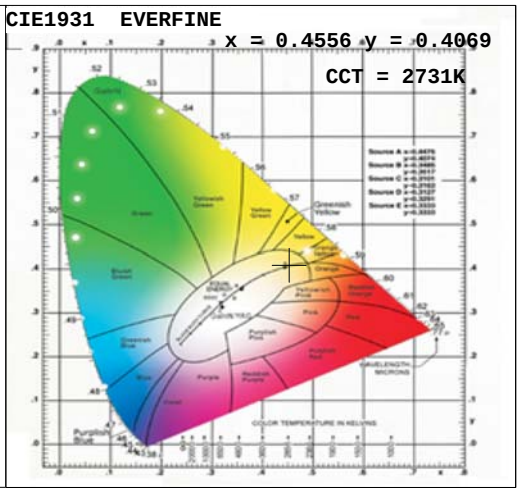
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52835 (81%)
Test Mode	: Fast Test	T	: 210 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4556 y = 0.4069 / u' = 0.2614 v' = 0.5253 (duv=-1.02e-03)

CCT= 2731K Prcp WL: Ld=584.4nm Purity=58.9%

Peak WL: Lp=622nm FWHM: =146.7nm Ratio:R=26.3% G=70.8% B=2.9%

Render Index: Ra = 93.0 CRI = 91.1 AvgR = 91.0 TM30:Rf=90 Rg=98

R1 =94 R2 =99 R3 =96 R4 =92 R5 =94 R6 =97 R7 =90

R8 =81 R9 =61 R10=98 R11=94 R12=84 R13=96 R14=99 R15=90

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 846.64 lm Eff. : 91.12 lm/W Fe = 3.0443 W

Flux of emitted photons(umol/s):15.255 Fluo. and blue light ratio:12.17 Fluorescent eff.:302.8

Electrical parameters

V = 24.00 V I = 0.3872 A P = 9.292 W PF = 1.000 F=0.00 Hz

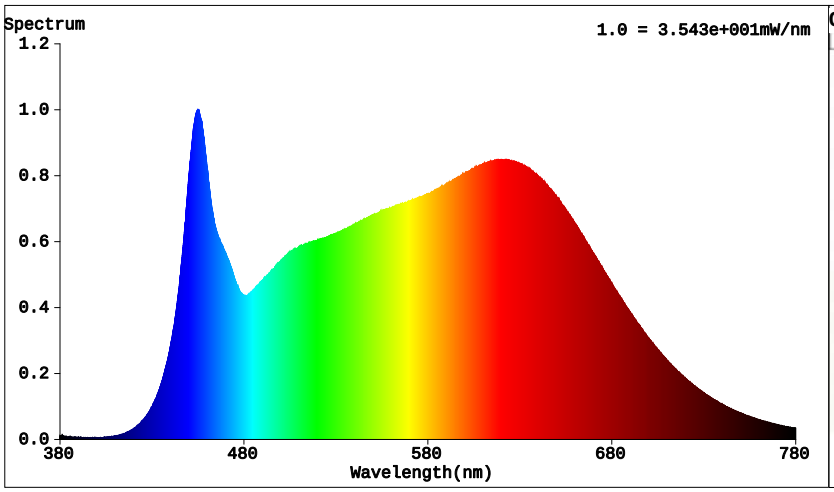
Spectrum Test Report

Sample	:	Date	: 2019-06-26 14:33:45
Specification	: FH19C-P0-G1 28HZ92728HZ960 24V120S W10L05	Sam. Status	:
Sample No.	: 4353	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	:		

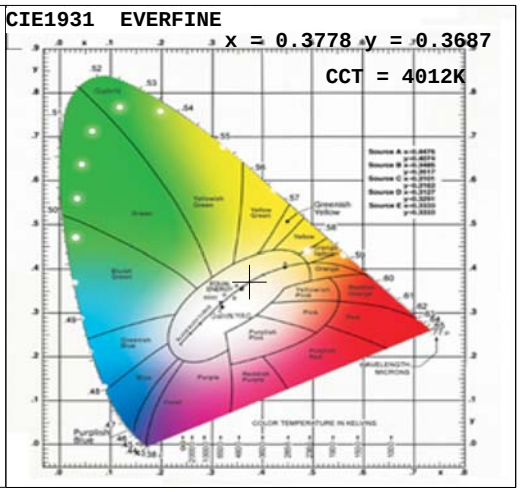
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53221 (81%)
Test Mode	: Fast Test	T	: 127 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3778 y = 0.3687 / u' = 0.2266 v' = 0.4976 (duv=-3.08e-03)

CCT= 4012K Prcp WL: Ld=580.9nm Purity=24.0%

Peak WL: Lp=455nm FWHM: =28.9nm Ratio:R=20.6% G=74.4% B=5.0%

Render Index: Ra = 95.8 CRI = 94.6 AvgR = 94.7 TM30:Rf=92 Rg=100

R1 =98 R2 =98 R3 =98 R4 =96 R5 =97 R6 =95 R7 =94

R8 =93 R9 =88 R10=97 R11=98 R12=77 R13=98 R14=99 R15=97

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1795.1 lm Eff. : 95.35 lm/W Fe = 6.4851 W

Flux of emitted photons(umol/s):31.24 Fluo. and blue light ratio:5.261 Fluorescent eff.:289.5

Electrical parameters

V = 24.00 V I = 0.7845 A P = 18.83 W PF = 1.000 F=0.00 Hz

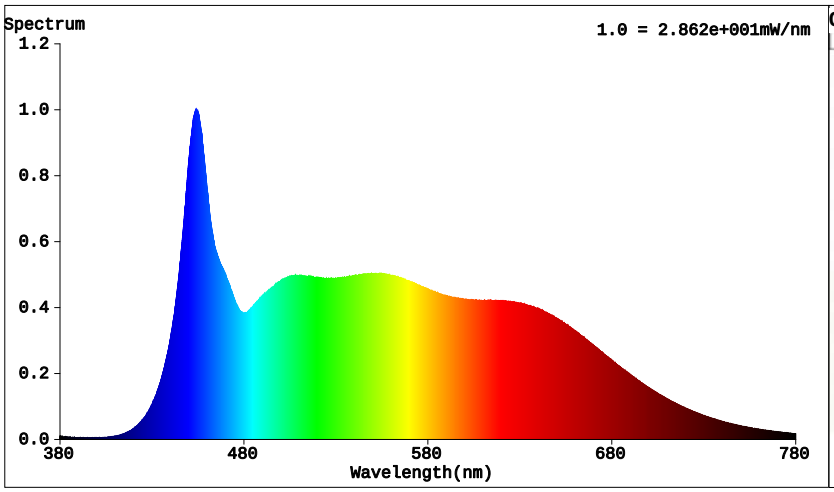
Spectrum Test Report

Sample	:	Date	: 2019-06-26 14:34:23
Specification	: FH19C-P0-G1 2892728960 24V120S W10L05	Sam. Status	:
Sample No.	: 4354	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	:		

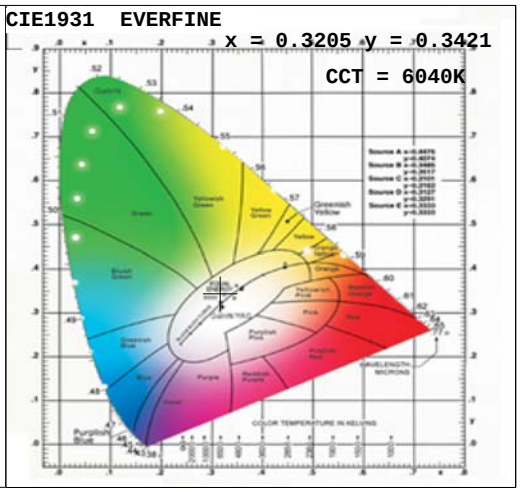
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52702 (80%)
Test Mode	: Fast Test	T	: 242 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3205 y = 0.3421 / u' = 0.1984 v' = 0.4763 (duv=5.98e-03)

CCT= 6040K Prcp WL: Ld=500.7nm Purity=3.9%

Peak WL: Lp=454nm FWHM: =25.2nm Ratio:R=15.4% G=77.8% B=6.8%

Render Index: Ra = 94.6 CRI = 92.3 AvgR = 92.3 TM30:Rf=91 Rg=98

R1 =95 R2 =98 R3 =98 R4 =92 R5 =93 R6 =95 R7 =94

R8 =91 R9 =80 R10=95 R11=93 R12=72 R13=96 R14=99 R15=92

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 975.99 lm Eff. : 103.78 lm/W Fe = 3.5241 W

Flux of emitted photons(umol/s):16.383 Fluo. and blue light ratio:3.465 Fluorescent eff.:290.9

Electrical parameters

V = 24.00 V I = 0.3919 A P = 9.404 W PF = 1.000 F=0.00 Hz