

Spectrum Test Report

Sample : 5W AC COB
 Specification : 3000K
 Sample No. : 001
 Manufacturer : Magi-led UK LTD

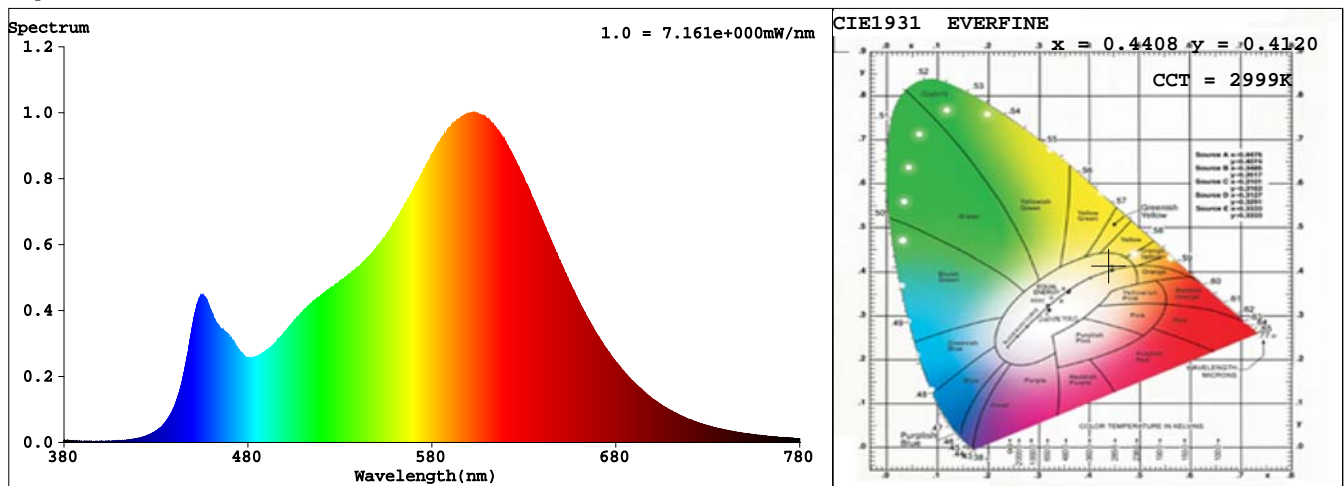
Date : 2016-06-14 16:50:23
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Ran
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 52630 (80%)
 T : 190 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4408$ $y = 0.4120$ / $u' = 0.2497$ $v' = 0.5250$ ($duv=2.60e-03$)

CCT= 2999K Prcp WL: $L_d=582.0nm$ Purity=56.0%

Peak WL: $L_p=603nm$ FWHM: $=120.7nm$ Ratio:R=22.7% G=74.4% B=2.9%

Render Index: $R_a = 81.6$

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =92 R7 =81

R8 =55 R9 =1 R10=83 R11=77 R12=71 R13=83 R14=97 R15=71

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 415.26 lm Eff. : 86.13 lm/W Fe = 1.2331 W

Photosynthetic:PPF:4.8218umol/s PAR WATT:999.98mW(400-700nm)

Electrical parameters

V = 239.9 V I = 0.02063 A P = 4.822 W PF = 0.9742

Spectrum Test Report

Sample : 5W AC COB
 Specification : 3000K
 Sample No. : 002
 Manufacturer : Magi-led UK LTD

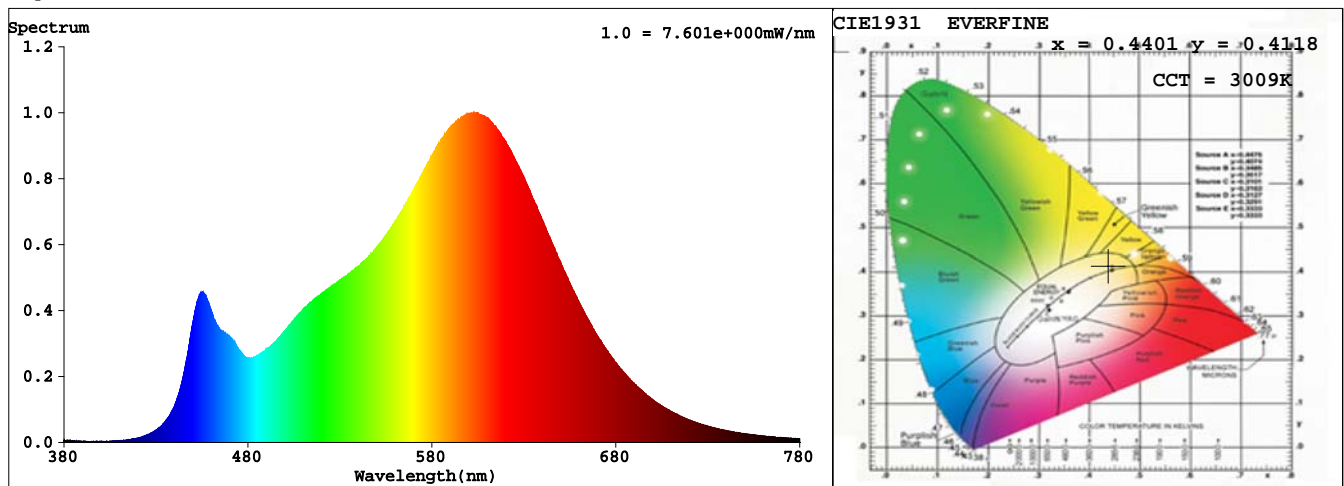
Date : 2016-06-14 16:57:36
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Ran
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 55890 (85%)
 T : 190 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4401$ $y = 0.4118$ / $u' = 0.2493$ $v' = 0.5248$ ($duv=2.60e-03$)

CCT= 3009K Prcp WL: $L_d=581.9nm$ Purity=55.7%

Peak WL: $L_p=603nm$ FWHM: $=121.7nm$ Ratio:R=22.7% G=74.4% B=2.9%

Render Index: $R_a = 81.9$

R1 =81 R2 =93 R3 =94 R4 =79 R5 =81 R6 =92 R7 =81

R8 =56 R9 =2 R10=83 R11=78 R12=72 R13=84 R14=97 R15=72

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 441.48 lm Eff. : 90.61 lm/W $F_e = 1.3106 W$

Photosynthetic:PPF:5.1261umol/s PAR WATT:1063.6mW(400-700nm)

Electrical parameters

V = 239.9 V I = 0.02081 A P = 4.872 W PF = 0.9756

Spectrum Test Report

Sample : 5W AC COB
 Specification : 3000K
 Sample No. : 003
 Manufacturer : Magi-led UK LTD

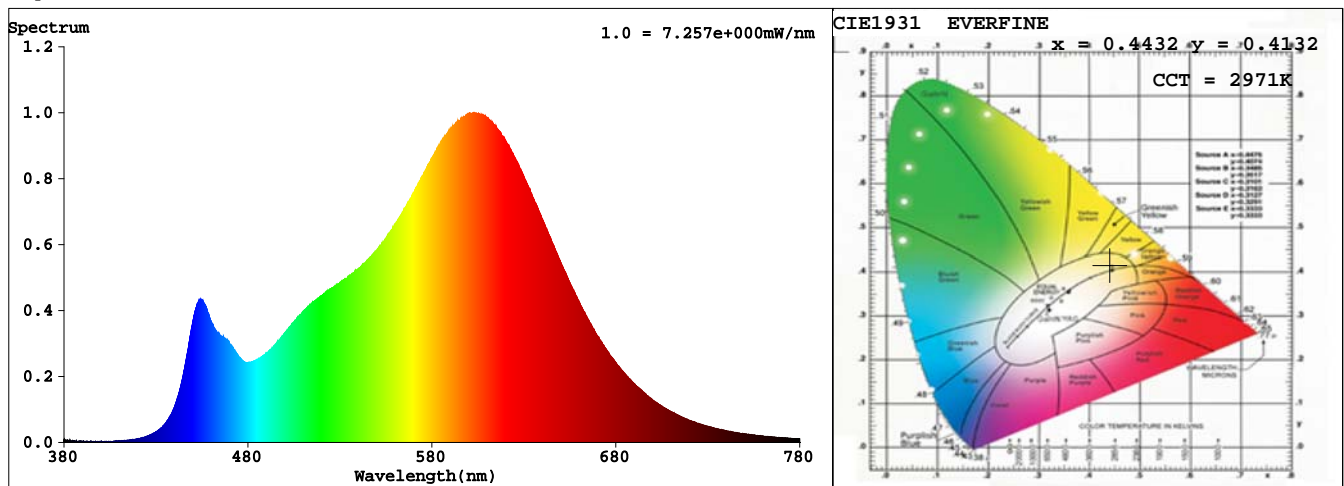
Date : 2016-06-14 16:59:18
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Ran
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 53436 (82%)
 T : 190 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4432$ $y = 0.4132$ / $u' = 0.2507$ $v' = 0.5258$ ($duv=2.75e-03$)

CCT= 2971K Prcp WL: $L_d=582.0nm$ Purity=57.1%

Peak WL: $L_p=603nm$ FWHM: =119.5nm Ratio:R=23.0% G=74.2% B=2.8%

Render Index: $R_a = 81.9$

R1 =80 R2 =92 R3 =94 R4 =79 R5 =81 R6 =92 R7 =81

R8 =56 R9 =1 R10=83 R11=78 R12=72 R13=83 R14=97 R15=71

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 417.90 lm Eff. : 88.40 lm/W $F_e = 1.2386 W$

Photosynthetic:PPF:4.852umol/s PAR WATT:1005.2mW(400-700nm)

Electrical parameters

V = 239.9 V I = 0.02023 A P = 4.728 W PF = 0.9742

Spectrum Test Report

Sample : 5W AC COB
 Specification : 3000K
 Sample No. : 004
 Manufacturer : Magi-led UK LTD

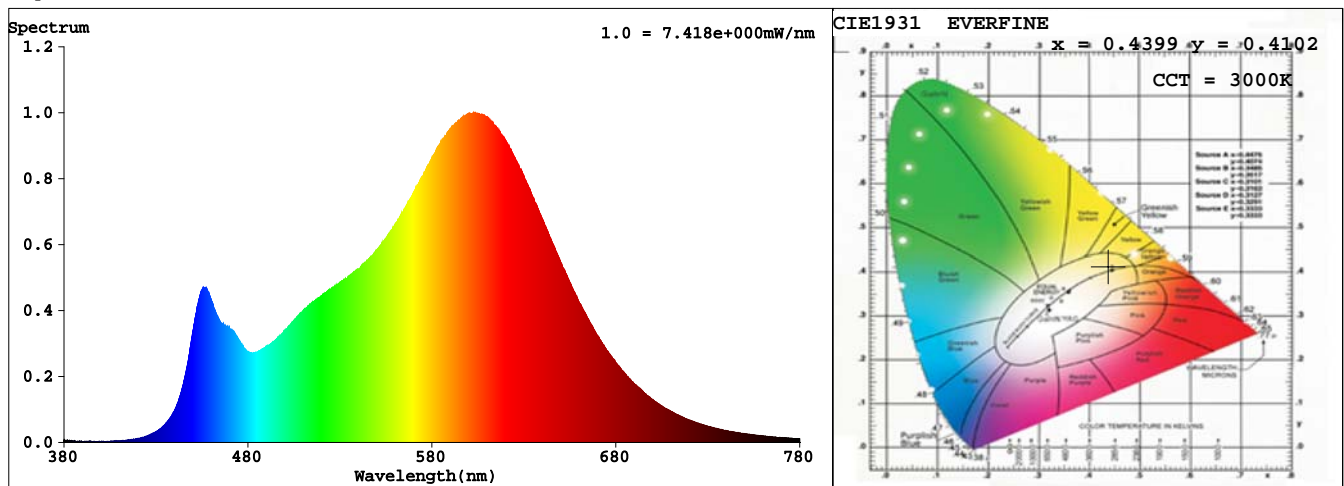
Date : 2016-06-14 17:01:16
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Ran
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 54698 (83%)
 T : 190 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4399$ $y = 0.4102$ / $u' = 0.2499$ $v' = 0.5242$ ($duv=2.01e-03$)

CCT= 3000K Prcp WL: $L_d=582.1nm$ Purity=55.2%

Peak WL: $L_p=603nm$ FWHM: =119.4nm Ratio:R=22.9% G=74.0% B=3.0%

Render Index: $R_a = 82.3$

R1 =81 R2 =94 R3 =93 R4 =79 R5 =82 R6 =93 R7 =80

R8 =56 R9 =4 R10=86 R11=78 R12=73 R13=85 R14=96 R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 428.28 lm Eff. : 89.22 lm/W $F_e = 1.2784 W$

Photosynthetic:PPF:5.0007umol/s PAR WATT:1037.6mW(400-700nm)

Electrical parameters

V = 240.0 V I = 0.02053 A P = 4.800 W PF = 0.9746

Spectrum Test Report

Sample : 5W AC COB
 Specification : 3000K
 Sample No. : 005
 Manufacturer : Magi-led UK LTD

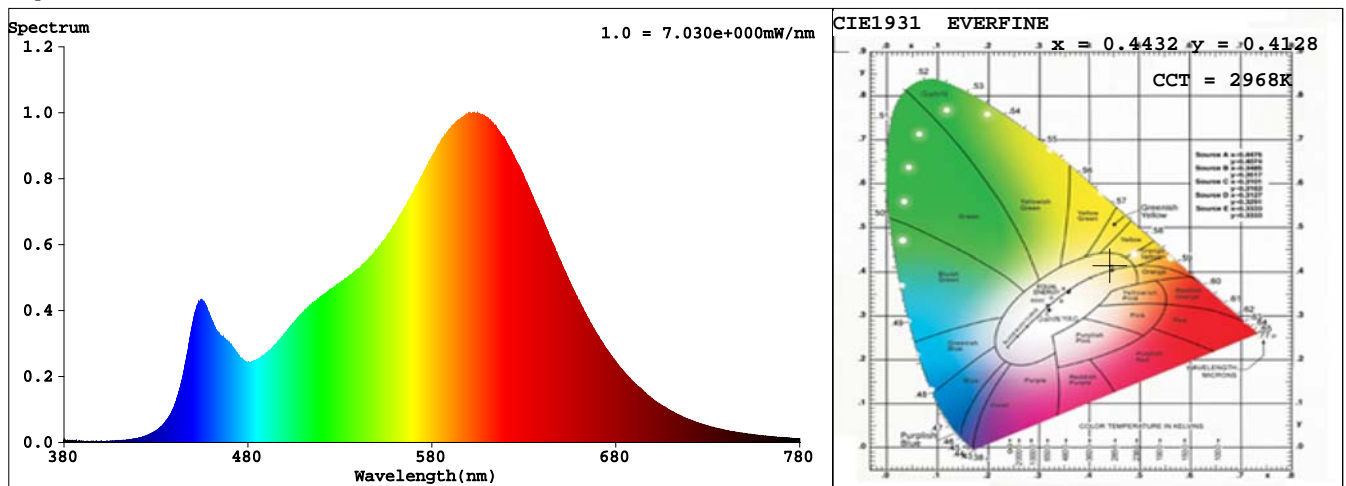
Date : 2016-06-14 17:02:57
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Ran
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 51709 (79%)
 T : 190 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4432$ $y = 0.4128$ / $u' = 0.2508$ $v' = 0.5257$ ($duv=2.60e-03$)

CCT= 2968K Prcp WL: $L_d=582.1nm$ Purity=56.9%

Peak WL: $L_p=603nm$ FWHM: =119.4nm Ratio:R=23.0% G=74.2% B=2.8%

Render Index: $R_a = 81.7$

R1 =80 R2 =92 R3 =94 R4 =79 R5 =81 R6 =92 R7 =81

R8 =55 R9 =1 R10=83 R11=78 R12=72 R13=83 R14=97 R15=71

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 404.69 lm Eff. : 84.68 lm/W $F_e = 1.2011 W$

Photosynthetic:PPF:4.7031umol/s PAR WATT:974.26mW(400-700nm)

Electrical parameters

V = 240.0 V I = 0.02047 A P = 4.779 W PF = 0.9731