

Spectrum Test Report

Sample : COB CCT608leds/m 24V IP20
 Specification : HSY-FSCOBQ608WCCT24V-IP20
 Sample No. : COB 608LEDS1
 Manufacturer : HSY

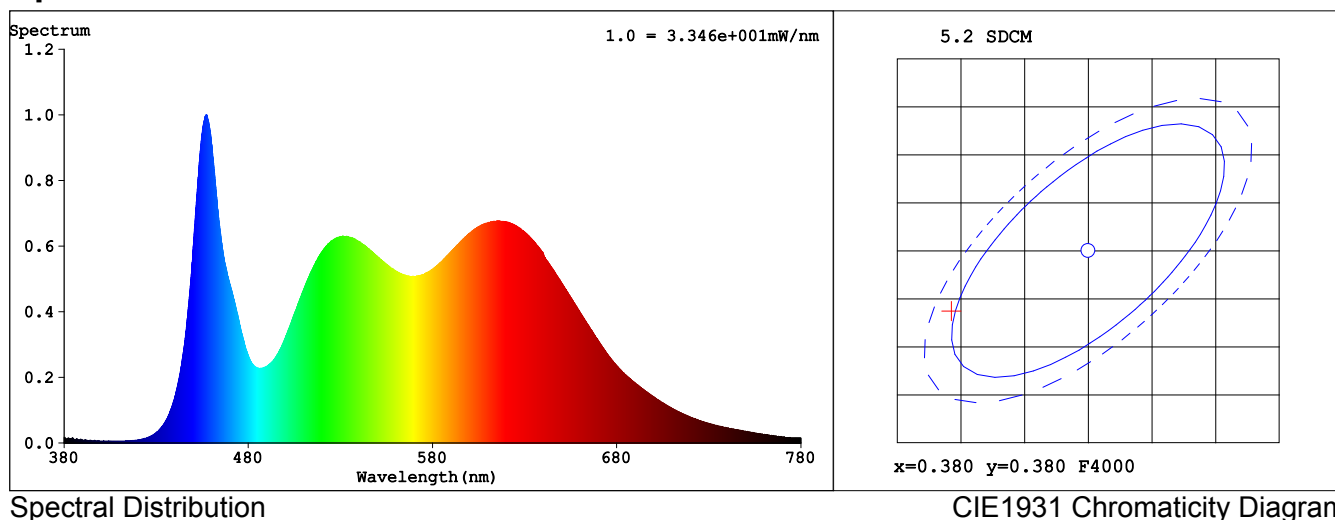
Date : 2023-11-27 10:41:23
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : RANDY
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 42551 (65%)
 T : 518 ms
 Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3693$ $y = 0.3737$ / $u' = 0.2189$ $v' = 0.4986$ ($duv=2.03e-03$)
 CCT= 4297K Prcp WL: $L_d=576.6nm$ Purity=23.0%
 Peak WL: $L_p=457nm$ FWHM: $=20.5nm$ Ratio:R=19.9% G=75.9% B=4.2%

Render Index: $R_a = 95.6$

R1 =98 R2 =98 R3 =93 R4 =97 R5 =95 R6 =95 R7 =96
 R8 =92 R9 =80 R10=92 R11=97 R12=62 R13=99 R14=95 R15=95
 LEVEL:OUT WHITE:ANSI_4500K

Photometric & Radiometric Parameters

Flux = 1430.4 lm Eff. : 109.95 lm/W $Fe = 4.4638 W$

Electrical parameters

V = 24.00 V I = 0.5422 A P = 13.01 W PF = 1.000

Spectrum Test Report

Sample : COB CCT608leds/m 24V IP20
 Specification : HSY-FSCOBQ608WCCT24V-IP20
 Sample No. : COB 608LEDS2
 Manufacturer : HSY

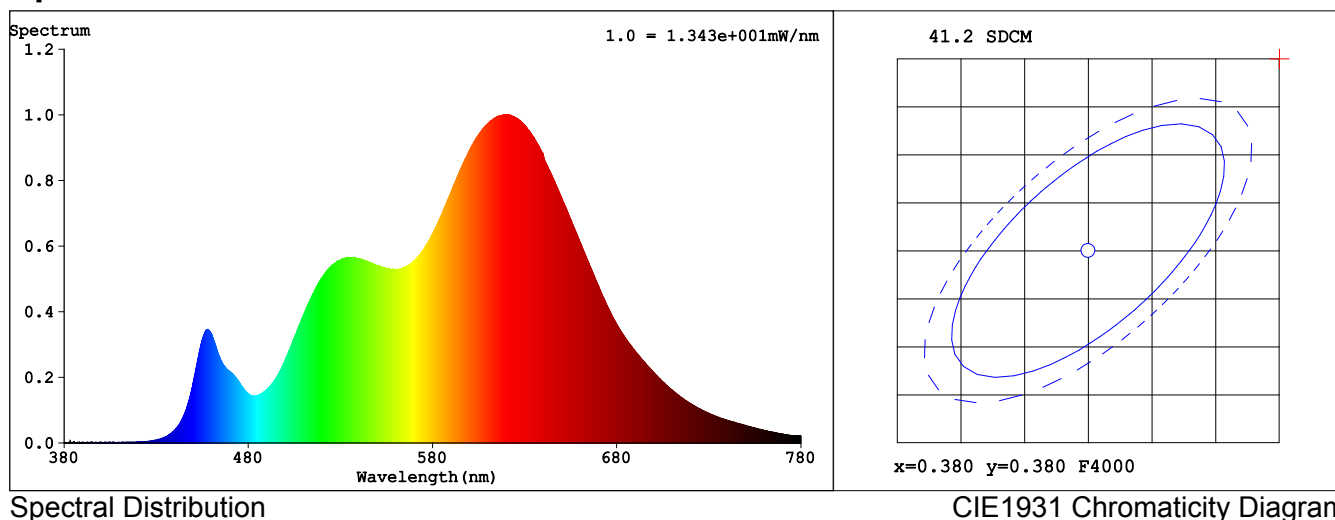
Date : 2023-11-27 10:43:23
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : RANDY
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 42198 (64%)
 T : 871 ms
 Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4646$ $y = 0.4265$ / $u' = 0.2585$ $v' = 0.5340$ ($duv=5.36e-03$)
 CCT= 2756K Prcp WL: $L_d=582.3nm$ Purity=67.5%
 Peak WL: $L_p=620nm$ FWHM: $=148.8nm$ Ratio:R=26.7% G=71.2% B=2.0%

Render Index: $R_a = 95.1$

R1 =98 R2 =97 R3 =95 R4 =98 R5 =96 R6 =99 R7 =94
 R8 =84 R9 =59 R10=91 R11=95 R12=78 R13=98 R14=96 R15=90
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 592.85 lm Eff. : 88.98 lm/W $F_e = 1.9281 W$

Electrical parameters

V = 24.00 V I = 0.2776 A P = 6.663 W PF = 1.000

Spectrum Test Report

Sample : COB CCT608leds/m 24V IP20
 Specification : HSY-FSCOBQ608WCCT24V-IP20
 Sample No. : COB 608LEDS3
 Manufacturer : HSY

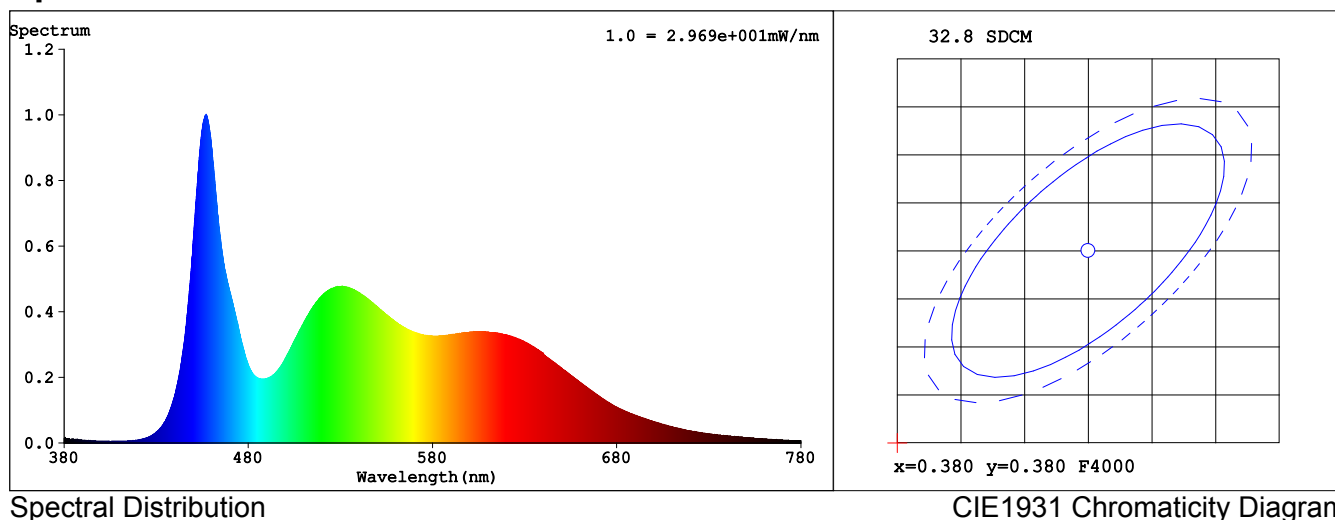
Date : 2023-11-27 10:45:26
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : RANDY
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 48240 (74%)
 T : 1011 ms
 Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3126$ $y = 0.3424$ / $u' = 0.1928$ $v' = 0.4753$ ($duv=9.96e-03$)
 CCT= 6419K Prcp WL: $L_d=497.4nm$ Purity=6.5%
 Peak WL: $L_p=457nm$ FWHM: $=19.8nm$ Ratio:R=14.7% G=79.5% B=5.8%

Render Index: $R_a = 90.5$

R1 =92 R2 =93 R3 =92 R4 =89 R5 =88 R6 =89 R7 =94
 R8 =86 R9 =61 R10=81 R11=88 R12=53 R13=92 R14=95 R15=88
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 799.01 lm Eff. : 119.84 lm/W $F_e = 2.6610 W$

Electrical parameters

V = 24.00 V I = 0.2778 A P = 6.667 W PF = 1.000