

Spectrum Test Report

Sample : CHE24MB603
 Specification : CH3355U 30W 4000K 1*4 160LM
 Sample No. : CH/BG6-2422027-01
 Manufacturer : CHLIGHTING

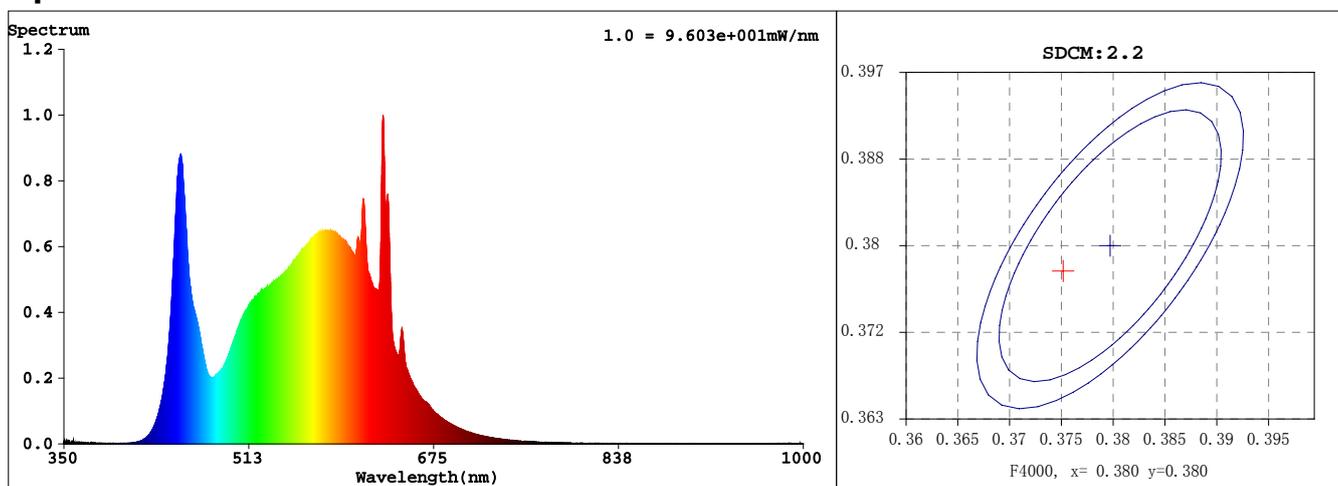
Date : 2024-11-30
 Sam. Status : OK
 Instrument : HAAS-2000(EVERFINE)
 Test by : 沈凌江
 Assessor : damin

Test Condition

Temperature : 24.2 °C
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 56110 (86%)
 T : 97 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3755$ $y = 0.3775$ / $u' = 0.2215$ $v' = 0.5012$ ($duv=1.86e-03$)

CCT= 4143K Prcp WL: $L_d=577.5nm$ Purity=26.0%

Peak WL: $L_p=631nm$ FWHM: =9.7nm Ratio:R=17.8% G=78.4% B=3.8%

Render Index: $R_a = 83.2$ White Factor: 0.030751 $v'_{white} = 0.5039$ TM30:Rf=83 Rg=94

R1 =81 R2 =89 R3 =95 R4 =81 R5 =81 R6 =85 R7 =87

R8 =67 R9 =13 R10=74 R11=79 R12=57 R13=83 R14=97 R15=76

TLCI Parameters: TLCI = 69.9

Photometric & Radiometric Parameters

Flux = 3709.8 lm Eff. : 119.31 lm/W Fe = 10.826 W

(EQE):3393%

Electrical parameters

V = 230.1 V I = 0.1432 A P = 31.09 W PF = 0.9436

Kdisp(IEC) = 0.9529 Freq=49.99 Hz I THD = 11.00 V THD = 0.02595

Spectrum Test Report

Sample : CHE24MB603
 Specification : CH3355U 30W 4000K 1*4 160LM
 Sample No. : CH/BG6-2422027-02
 Manufacturer : CHLIGHTING

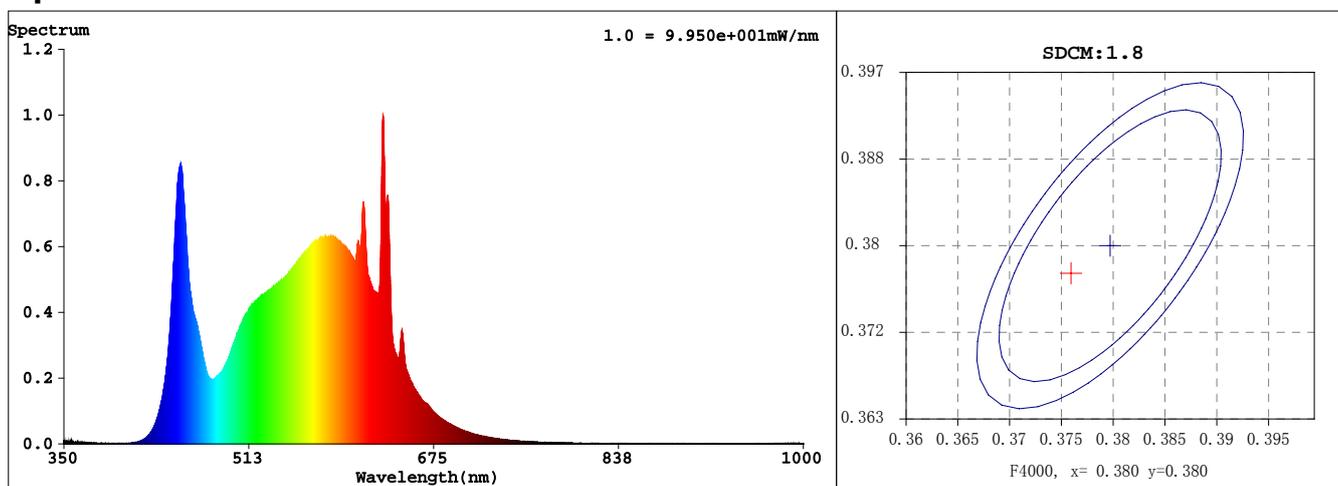
Date : 2024-11-30
 Sam. Status : OK
 Instrument : HAAS-2000(EVERFINE)
 Test by : 沈凌江
 Assessor : damin

Test Condition

Temperature : 24.1 °C
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 58129 (89%)
 T : 97 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3762$ $y = 0.3773$ / $u' = 0.2221$ $v' = 0.5012$ ($duv=1.52e-03$)

CCT= 4119K Prcp WL: $L_d=577.7nm$ Purity=26.1%

Peak WL: $L_p=631nm$ FWHM: =9.4nm Ratio:R=17.9% G=78.3% B=3.8%

Render Index: $R_a = 83.5$ White Factor: 0.032218 $v'_{white} = 0.5039$ TM30:Rf=84 Rg=95

R1 =82 R2 =90 R3 =95 R4 =81 R5 =81 R6 =85 R7 =87

R8 =67 R9 =15 R10=75 R11=80 R12=58 R13=84 R14=97 R15=76

TLCI Parameters: TLCI = 70.6

Photometric & Radiometric Parameters

Flux = 3742.3 lm Eff. : 120.30 lm/W Fe = 10.940 W

(EQE):3430%

Electrical parameters

V = 230.1 V I = 0.1432 A P = 31.11 W PF = 0.9441

Kdisp(IEC) = 0.9534 Freq=49.99 Hz I THD = 10.94 V THD = 0.04253