

Integrating Sphere Test Reports

TW2465-2835TC-160x2-16-B-5m-GP

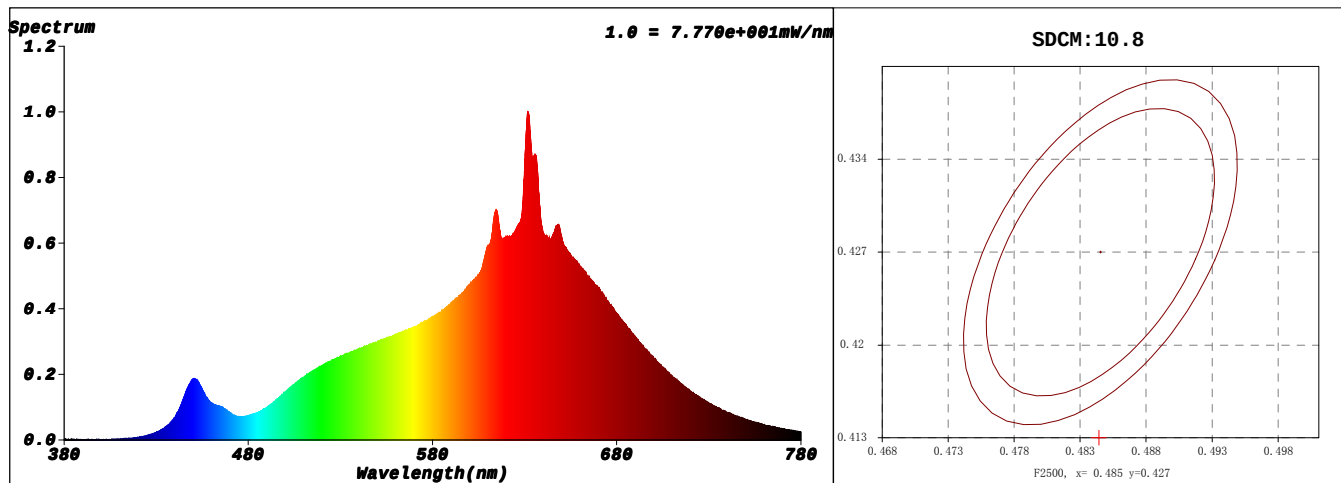
Test Sample: 1000mm

Test Condition

Temperature : 26.6Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 54%
IP : 51562 (79%)
T : 596 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4849$ $y = 0.4066$ / $u' = 0.2807$ $v' = 0.5296$ ($duv = -2.69e-03$)

CCT= 2356K Prcp WL: $L_d = 587.0nm$ Purity=67.6%

Peak WL: $L_p = 632nm$ FWHM: $\approx 60.3nm$ Ratio: R=31.1% G=67.0% B=1.9%

Render Index: $R_a = 96.0$

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

R8 =97 R9 =93 R10=98 R11=90 R12=93 R13=96 R14=96 R15=99

Photometric & Radiometric Parameters

Flux = 1973.2 lm Eff.: 106.65 lm/W $F_e = 7.7310 W$ (EQE):493.76%

Electrical parameters

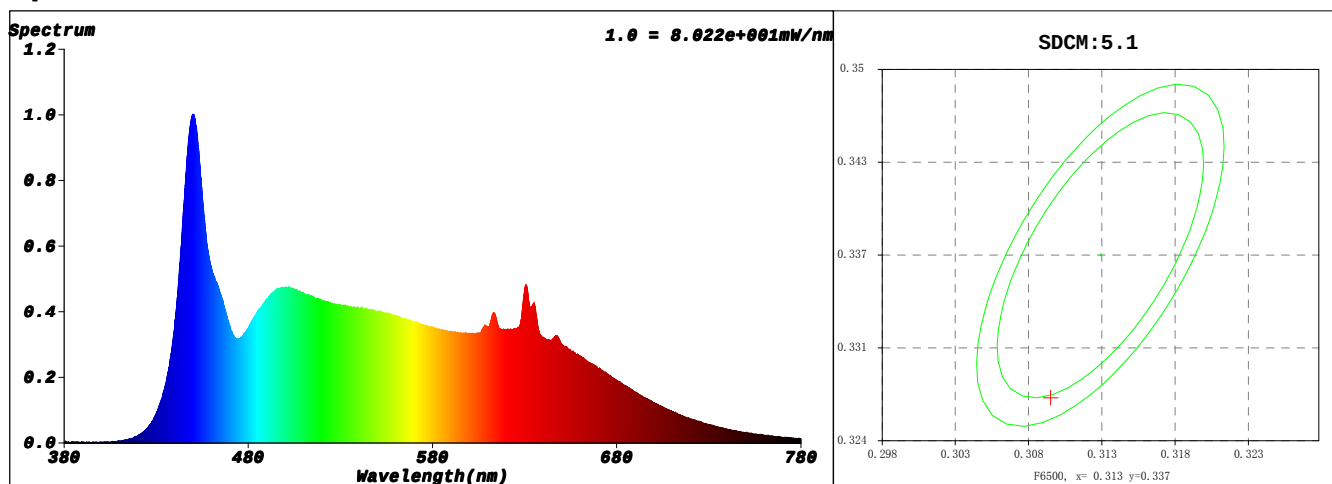
V = 24.00 V I = 0.7709 A P = 18.50 W PF = 1.000 F=0.00 Hz

Test Condition

Temperature : 26.6Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 54%
IP : 47649 (73%)
T : 596 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3096$ $y = 0.3273$ / $u' = 0.1963$ $v' = 0.4669$ (duv=3.88e-03)

CCT= 6690K Prcp WL: Ld=488.4nm Purity=8.5%

Peak WL: Lp=450nm FWHM: =19.6nm Ratio:R=15.8% G=76.6% B=7.6%

Render Index: Ra = 97.5

R1 =97 R2 =98 R3 =99 R4 =98 R5 =98 R6 =97 R7 =97

R8 =96 R9 =89 R10=95 R11=95 R12=79 R13=97 R14=99 R15=95

Photometric & Radiometric Parameters

Flux = 2269.8 lm Eff. : 127.88 lm/W Fe = 8.4741 W (EQE):509.74%

Electrical parameters

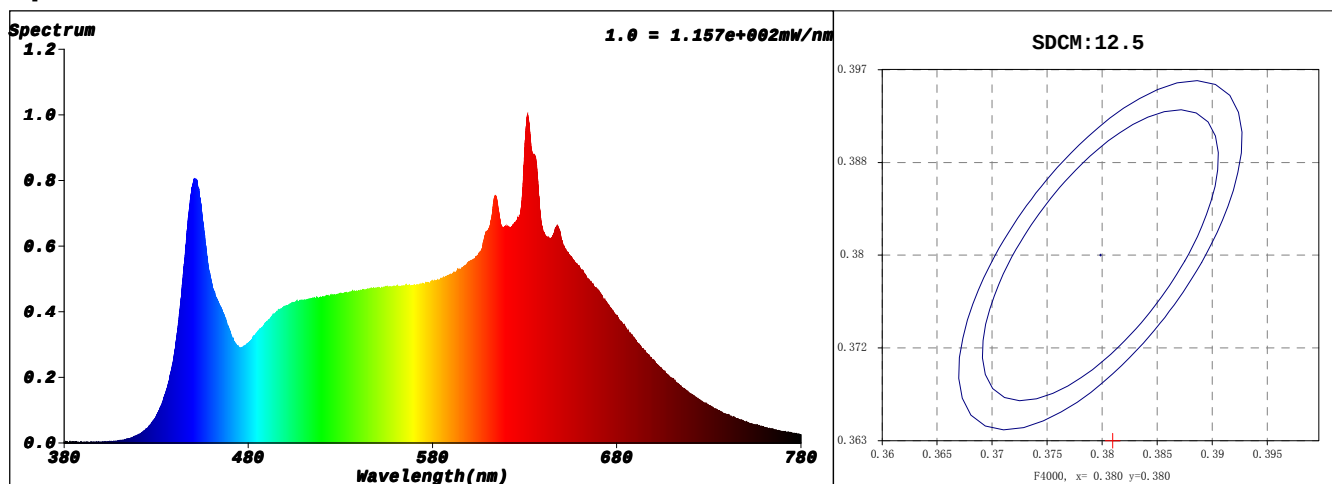
V = 24.00 V I = 0.7396 A P = 17.75 W PF = 1.000 F=0.00 Hz

Test Condition

Temperature : 26.6Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 54%
IP : 38377 (59%)
T : 298 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3811$ $y = 0.3564$ / $u' = 0.2340$ $v' = 0.4924$ ($duv = -1.00e-02$)

CCT= 3815K Prcp WL: $L_d = 587.1\text{nm}$ Purity=21.3%

Peak WL: $L_p = 632\text{nm}$ FWHM: $\approx 82.2\text{nm}$ Ratio: R=23.2% G=71.7% B=5.1%

Render Index: $R_a = 90.7$

R1 =87 R2 =91 R3 =98 R4 =89 R5 =87 R6 =87 R7 =98

R8 =87 R9 =66 R10=83 R11=85 R12=81 R13=87 R14=98 R15=85

Photometric & Radiometric Parameters

Flux = 4207.3 lm Eff. : 113.58 lm/W Fe = 16.168 W (EQE):489.39%

Electrical parameters

V = 24.00 V I = 1.543 A P = 37.04 W PF = 1.000 F=0.00 Hz