



Spectral test report for lamp

Product type : PANEL RGBW
Product No. : B5235-RGBW_BN
Manufacturer : BLED

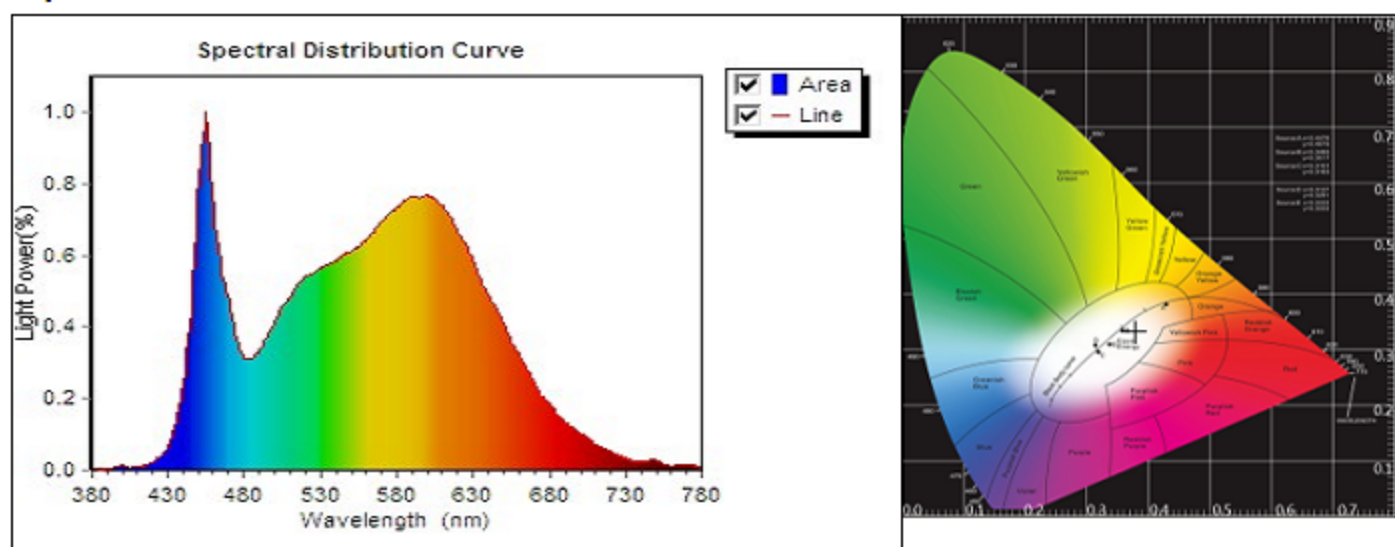
Test date. : 2022-02-01
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 31925 (48.7%)
Integral time. : 52ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3722$ $y=0.3723$ $u=0.2215$ $v=0.3322$ ($duv=0.0004$)

Color temperature: $TC=4202$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.191$

Peak wavelength: $\lambda_p=454.4$ nm FWHM: $\lambda_p=22.3$ nm Color ratio: $R=19.72\%$ $G=76.25\%$ $B=4.03\%$

Color rendering index (Ra): $Ra=86.2$

$R1=85.6$ $R2=93.9$ $R3=96.2$ $R4=83.6$ $R5=85.1$ $R6=90.2$ $R7=86.2$ $R8=68.1$

$R9=20.6$ $R10=84.6$ $R11=83.7$ $R12=63.6$ $R13=88.9$ $R14=98.7$ $R15=79.7$

Optical Parameter

Luminous flux: 3112.254 lm luminous efficiency: 92.08 lm/w Radiant flux: 9.6554 W

Electrical Parameter

Voltage: 230.4 V Current: 0.154 A Wate: 33.80 W Power factor: 0.952

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