



Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V12W-IP20-20M-RGBWW (Green)
Manufacturer : BLED

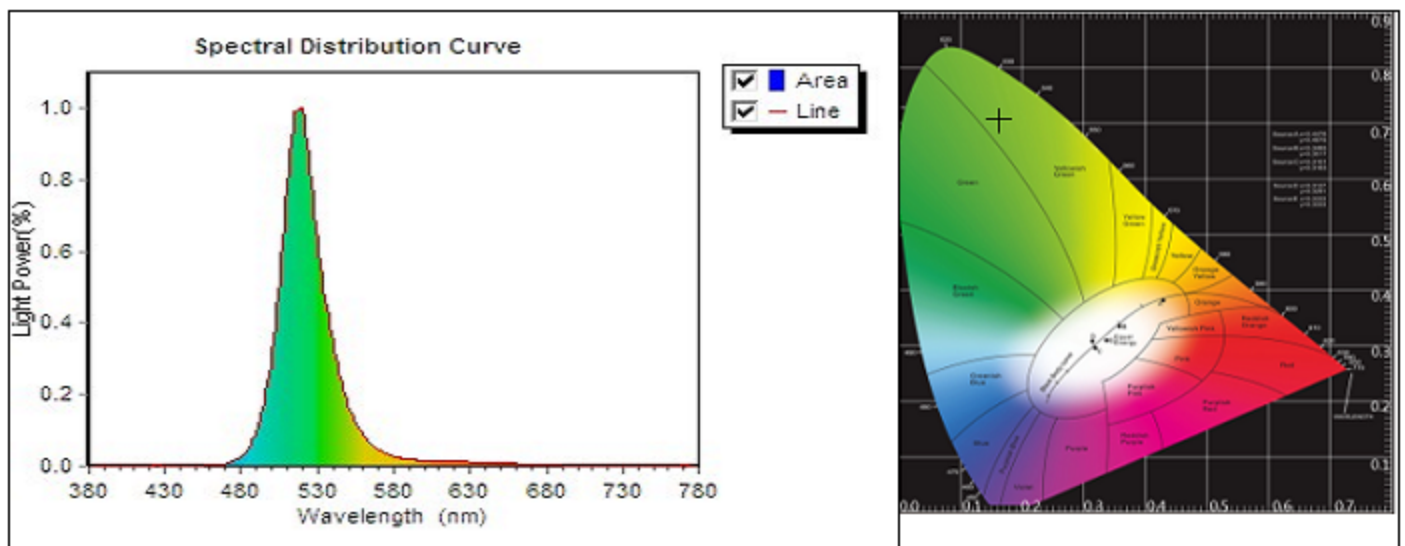
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37357 (57.0%)
Integral time. : 32ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1614$ $y=0.7183$ $u=0.0572$ $v=0.3815$ ($duv=0.1591$)

Color temperature: $TC=8000$ K Color difference: $SDCM=283.6$ Main Wavelength: $\lambda_d=504$ nm Purity: $Purity=0.849$

Peak wavelength: $\lambda_p=517.9$ nm FWHM: $\lambda_p=29.3$ nm Color ratio: $R=1.14\%$ $G=97.20\%$ $B=1.66\%$

Color rendering index (Ra): $Ra=-22.3$

$R1=-27.5$ $R2=-8.6$ $R3=-27.4$ $R4=-59.8$ $R5=-4.1$ $R6=-16.7$ $R7=-8.5$ $R8=-26.4$

$R9=-316.6$ $R10=-108.6$ $R11=-87.6$ $R12=-32.8$ $R13=-33.9$ $R14=36.7$ $R15=-25.7$

Optical Parameter

Luminous flux: 52.686 lm Luminous efficiency: lm/w Radiant flux: 0.1146 W

Electrical Parameter

Voltage: 48 V Current: 0,012 A Watte: 0,576 W Power factor:

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>