



Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V12W-IP20-10M-RGBWW (Blue) (
Manufacturer : BLED

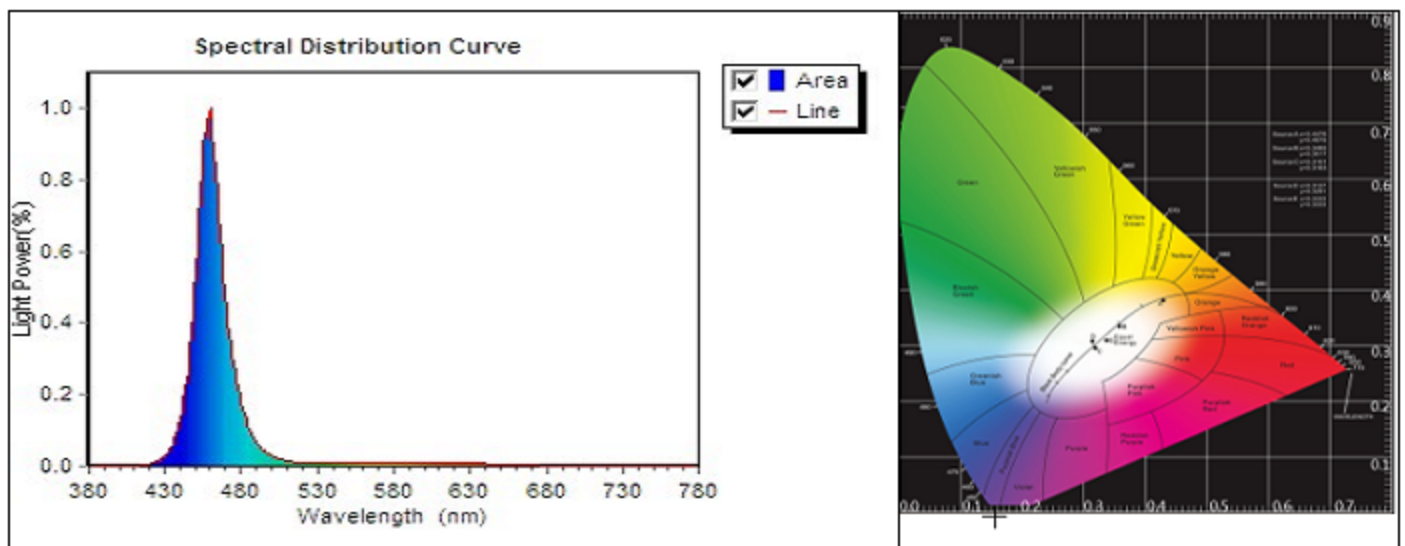
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50397 (76.9%)
Integral time. : 24ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1549$ $y=0.0579$ $u=0.1831$ $v=0.1026$ ($duv=-0.1696$)

Color temperature: $TC=100000$ K Color difference: $SDCM=111.9$ Main Wavelength: $\lambda_d=472.07$ nm Purity: $Purity=0.964$

Peak wavelength: $\lambda_p=458.8$ nm FWHM: $\lambda_p=19.6$ nm Color ratio: $R=7.32\%$ $G=31.68\%$ $B=61.00\%$

Color rendering index (Ra): $Ra=-27.1$

$R1=69.8$ $R2=-34.1$ $R3=-158.6$ $R4=-66.9$ $R5=71.4$ $R6=-24.6$ $R7=-49.9$ $R8=-24.7$

$R9=-23.1$ $R10=-243.2$ $R11=-77.1$ $R12=-65.4$ $R13=21.7$ $R14=-31.6$ $R15=52.7$

Optical Parameter

Luminous flux: 10.974 lm Luminous efficiency: lm/w Radiant flux: 0.1544 W

Electrical Parameter

Voltage: 48 V Current: 0,009 A Watte: 0,432 W Power factor:

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