



Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V12W-SIDE-IP20-RGB (B) (10CM)
Manufacturer : BLED

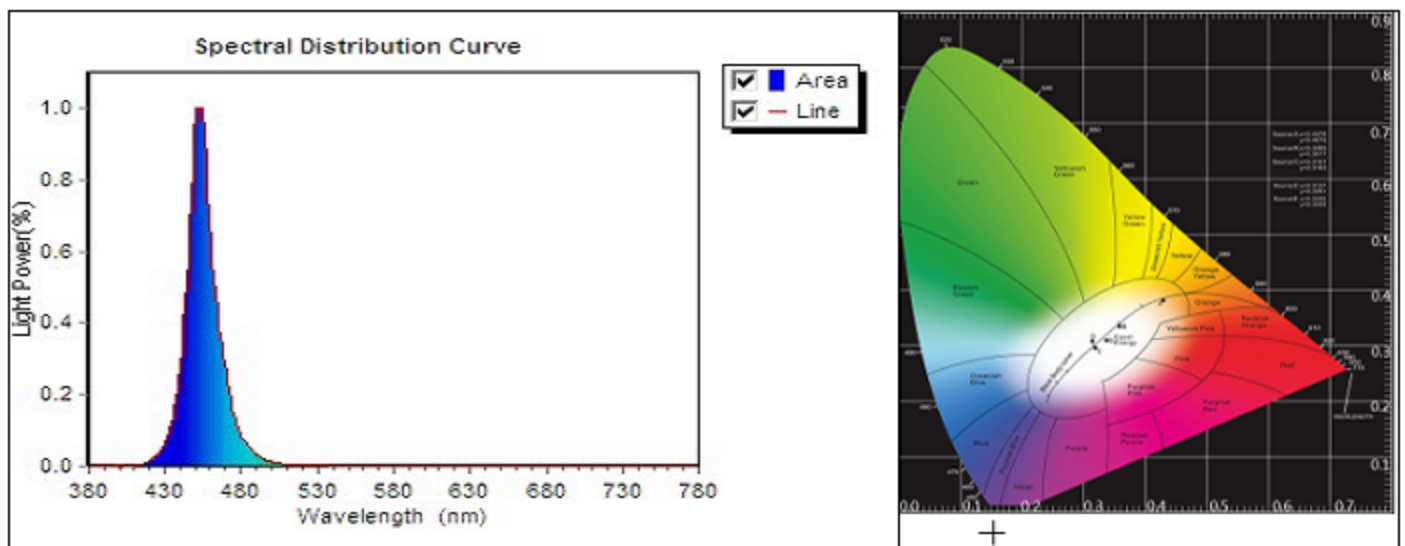
Test date. : 2024-07-31
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 56461 (86.2%)
Integral time. : 43ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1502$ $y=0.0308$ $u=0.1958$ $v=0.0602$ ($duv=-0.2124$)

Color temperature: $TC=100000$ K Color difference: $SDCM=118.8$ Main Wavelength: $\lambda_d=471.08$ nm Purity: $Purity=1.011$

Peak wavelength: $\lambda_p=452.5$ nm FWHM: $\lambda_p=17.9$ nm Color ratio: $R=0.62\%$ $G=11.99\%$ $B=87.40\%$

Color rendering index (Ra): $Ra=-61$

$R1=-12.0$ $R2=-55.1$ $R3=-161.5$ $R4=-100.3$ $R5=5.1$ $R6=-60.5$ $R7=-60.1$ $R8=-43.9$

$R9=-271.5$ $R10=-249.7$ $R11=-126.7$ $R12=-119.3$ $R13=-36.3$ $R14=-39.1$ $R15=2.1$

Optical Parameter

Luminous flux: 3.682 lm luminous efficiency: 6.67 lm/w Radiant flux: 0.09 W

Electrical Parameter

Voltage: 24.0 V Current: 0.023 A Watte: 0.552 W Power factor: 1.000

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