



Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V14W-IP20-10M-RGB (RGB) (166)
Manufacturer : BLED

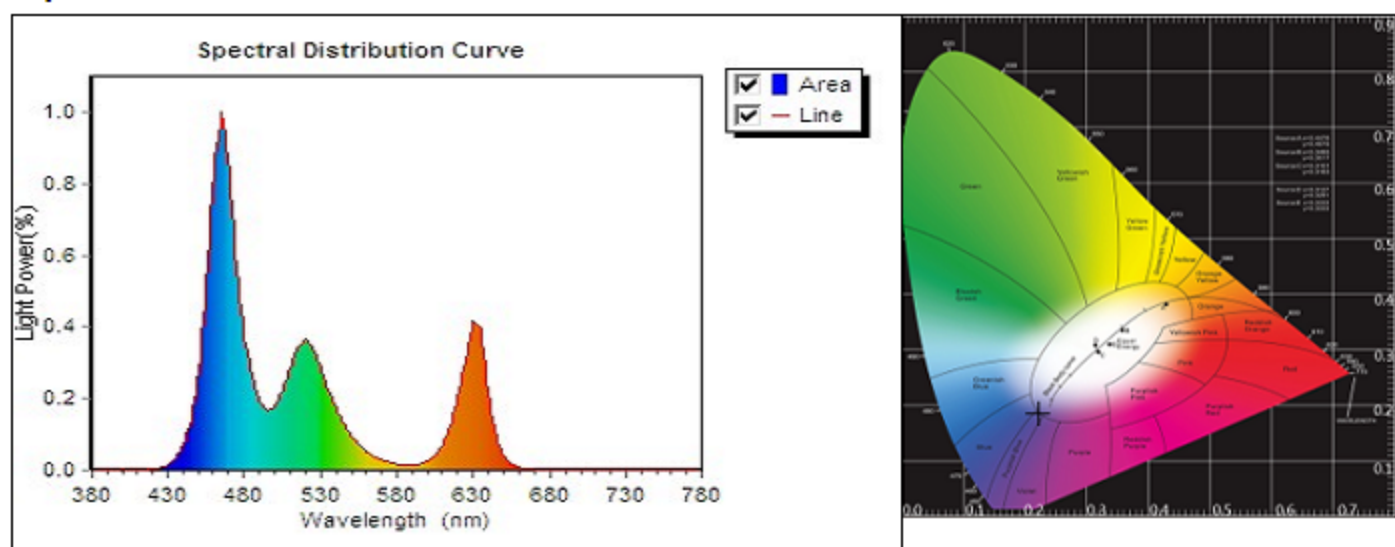
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51963 (79.3%)
Integral time. : 29ms

Spectral Parameter



1â€¦x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.2188$ $y=0.2365$ $u=0.1621$ $v=0.2627$ ($duv=-0.0223$)

Color temperature: $TC=100000$ K Color difference: $SDCM=63.8$ Main Wavelength: $\lambda_d=480.09$ nm Purity: $Purity=0.635$

Peak wavelength: $\lambda_p=465.0$ nm FWHM: $\lambda_p=22.4$ nm Color ratio: $R=17.47\%$ $G=67.28\%$ $B=15.25\%$

Color rendering index (Ra): $Ra=60.6$

$R1=58.1$ $R2=61.1$ $R3=68.4$ $R4=71.1$ $R5=76.2$ $R6=63.6$ $R7=57.5$ $R8=28.3$

$R9=-147.4$ $R10=9.9$ $R11=81.5$ $R12=61.8$ $R13=48.8$ $R14=80.1$ $R15=35.1$

Optical Parameter

Luminous flux: 51.604 lm Luminous efficiency: 51.6 lm/w Radiant flux: 0.2427 W

Electrical Parameter

Voltage: 48 V Current: 0,040 A Watte: 1,920 W Power factor:

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