



Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V14W-IP20-20M-RGB (Red) (166)
Manufacturer : BLED

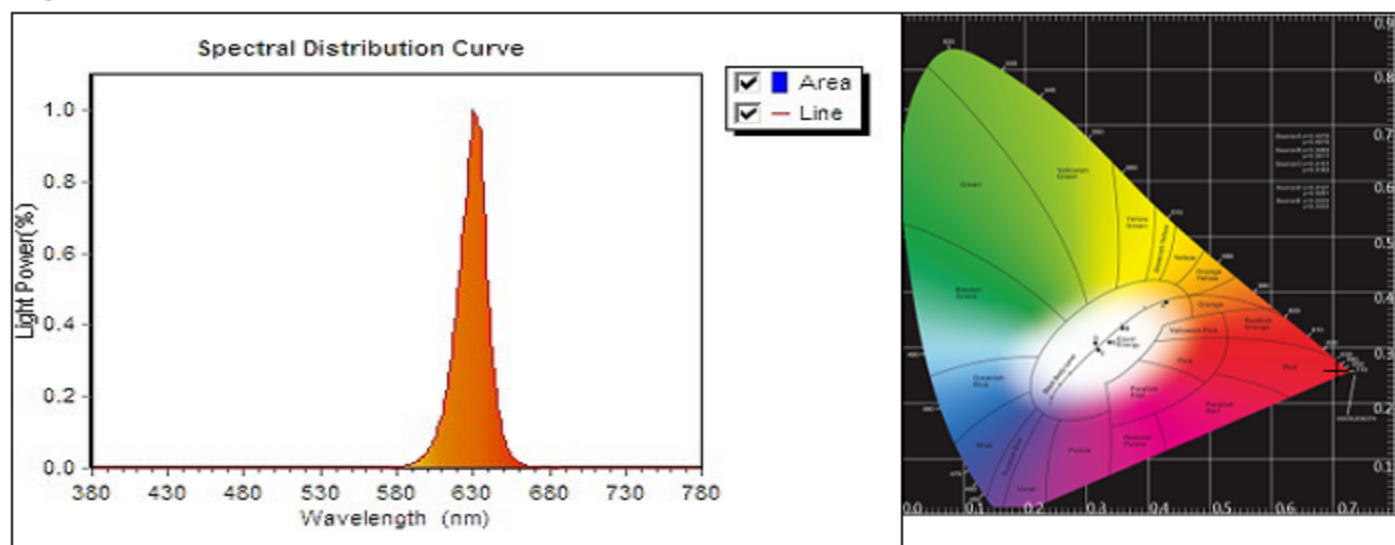
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52258 (79.7%)
Integral time. : 80ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.6952$ $y=0.3044$ $u=0.5284$ $v=0.3471$ ($duv=-0.0806$)

Color temperature: $TC=1000$ K Color difference: $SDCM=193.2$ Main Wavelength: $\lambda_d=493.93$ nm Purity: $Purity=0.632$

Peak wavelength: $\lambda_p=631.6$ nm FWHM: $\lambda_p=19.3$ nm Color ratio: $R=96.71\%$ $G=3.29\%$ $B=0.01\%$

Color rendering index (Ra): $Ra=16.5$

$R1=8.7$ $R2=78.7$ $R3=32.9$ $R4=-23.1$ $R5=4.0$ $R6=90.3$ $R7=7.3$ $R8=-66.9$

$R9=-218.5$ $R10=72.4$ $R11=-10.1$ $R12=79.3$ $R13=40.3$ $R14=61.0$ $R15=-31.7$

Optical Parameter

Luminous flux: 9.993 lm luminous efficiency: lm/w Radiant flux: 0.0507 W

Electrical Parameter

Voltage: 48 V Current: 0,015 A Watte: 0,72 W Power factor:

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