



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

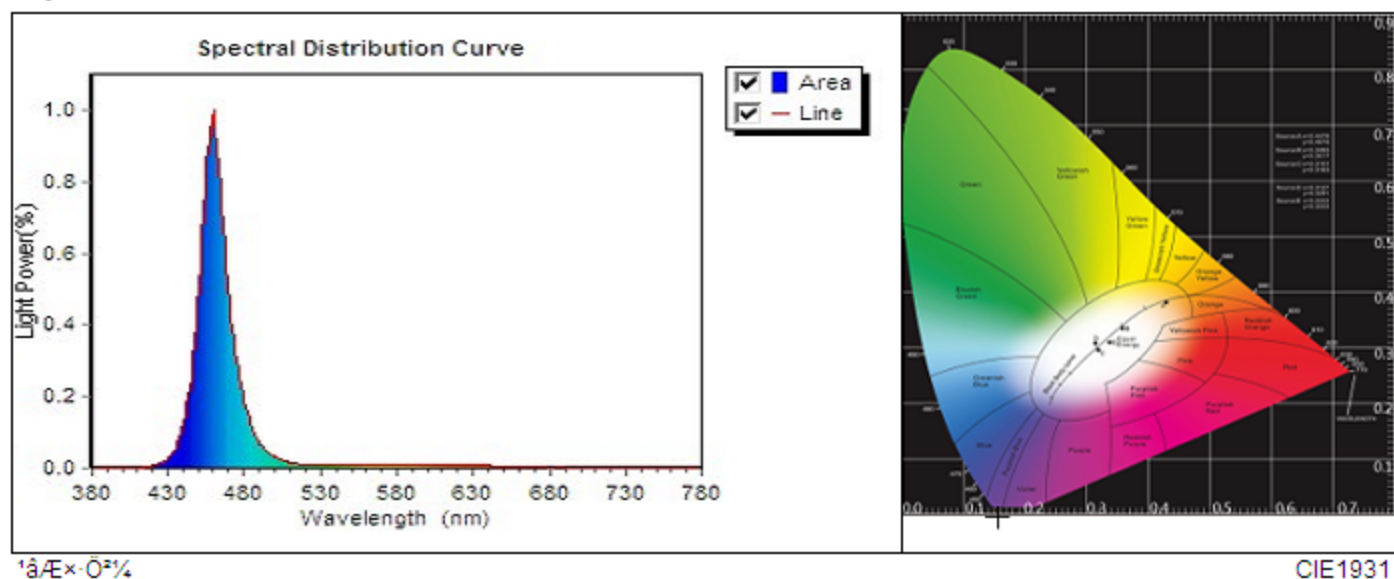
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51238 (78.2%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1548$ $y=0.0600$ $u=0.1815$ $v=0.1056$ ($duv=-0.1666$)
Color temperature: $TC=100000$ K Color difference: $SDCM=111.6$ Main Wavelength: $\lambda_d=472.02$ nm Purity: $Purity=0.961$
Peak wavelength: $\lambda_p=459.2$ nm FWHM: $\Delta\lambda_p=19.0$ nm Color ratio: $R=7.48\%$ $G=32.01\%$ $B=60.51\%$

Color rendering index (Ra): $Ra=-25.6$

$R1=70.5$ $R2=-33.0$ $R3=-155.9$ $R4=-64.3$ $R5=72.1$ $R6=-23.8$ $R7=-48.3$ $R8=-22.7$
 $R9=-16.8$ $R10=-240.3$ $R11=-74.5$ $R12=-63.8$ $R13=22.1$ $R14=-30.4$ $R15=53.0$

Optical Parameter

Luminous flux: 11.426 lm Luminous efficiency: lm/w Radiant flux: 0.1566 W

Electrical Parameter

Voltage: 48 V Current: 0.009 A Watto: 0.432 W Power factor:

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