



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V15W-IP20-10M-RGBCCT (G) (16
Manufacturer : BLED

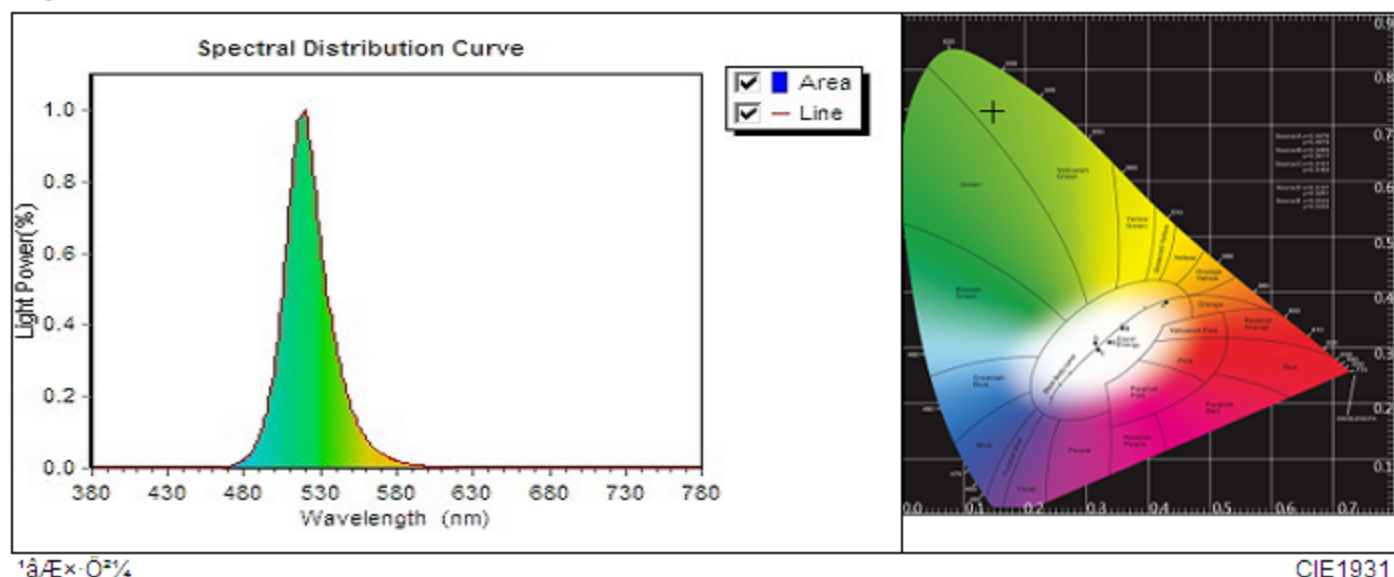
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50846 (77.6%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1466$ $y=0.7357$ $u=0.0508$ $v=0.3827$ ($duv=0.1651$)
Color temperature: $TC=8152$ K Color difference: $SDCM=300.2$ Main Wavelength: $\lambda_d=504.07$ nm Purity: $Purity=0.894$
Peak wavelength: $\lambda_p=518.3$ nm FWHM: $\lambda_p=28.8$ nm Color ratio: $R=0.24\%$ $G=98.22\%$ $B=1.54\%$

Color rendering index (Ra): $Ra=-29.8$

$R1=-36.6$ $R2=-14.5$ $R3=-34.5$ $R4=-69.4$ $R5=-10.3$ $R6=-22.8$ $R7=-15.4$ $R8=-35.6$
 $R9=-359.6$ $R10=-120.6$ $R11=-99.1$ $R12=-39.6$ $R13=-42.4$ $R14=33.0$ $R15=-33.1$

Optical Parameter

Luminous flux: 48.858 lm Luminous efficiency: 67.86 lm/w Radiant flux: 0.1037 W

Electrical Parameter

Voltage: 48.0 V Current: 0.015 A Watto: 0.72 W Power factor: 1.000

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