



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

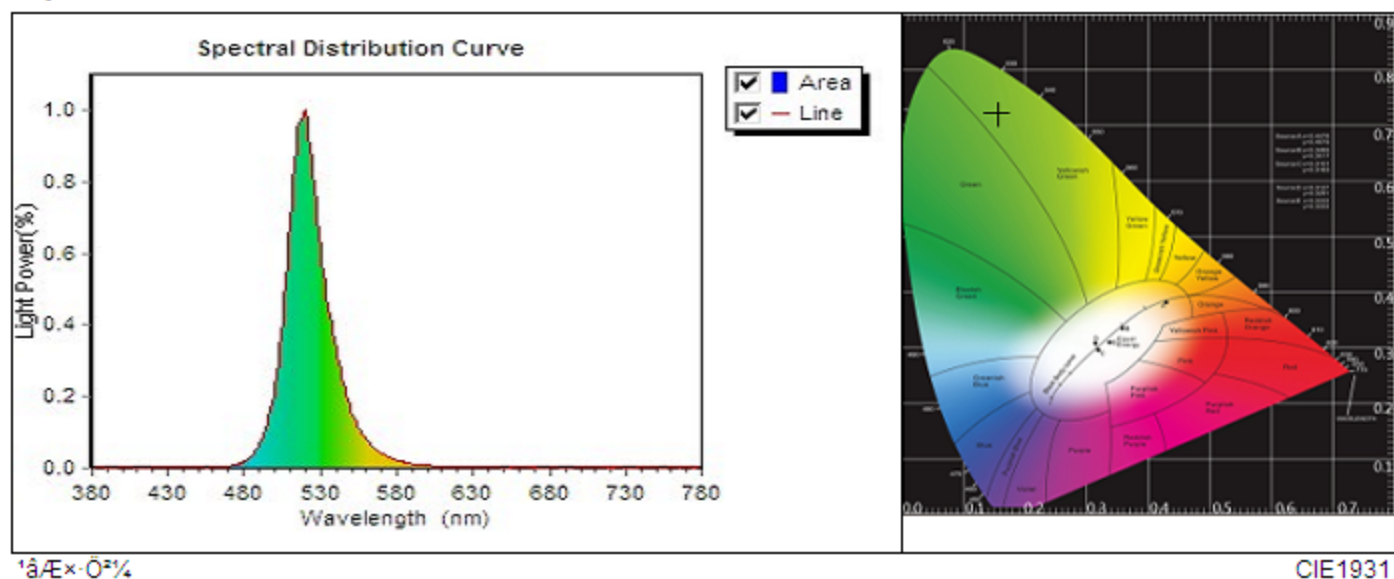
Test date. : 2024-07-31
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 51284 (78.3%)
Integral time. : 140ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1532$ $y=0.7325$ $u=0.0534$ $v=0.3827$ ($duv=0.1630$)
Color temperature: $TC=8058$ K Color difference: $SDCM=295.0$ Main Wavelength: $\lambda_d=505.04$ nm Purity: $Purity=0.863$
Peak wavelength: $\lambda_p=518.6$ nm FWHM: $\Delta\lambda_p=26.3$ nm Color ratio: $R=0.44\%$ $G=98.35\%$ $B=1.21\%$

Color rendering index (Ra): $Ra=-24.9$

$R1=-34.7$ $R2=-11.2$ $R3=-28.1$ $R4=-61.5$ $R5=-8.9$ $R6=-20.2$ $R7=-5.7$ $R8=-29.3$
 $R9=-349.2$ $R10=-114.9$ $R11=-91.6$ $R12=-39.1$ $R13=-39.6$ $R14=35.9$ $R15=-31.0$

Optical Parameter

Luminous flux: 15.424 lm Luminous efficiency: 30.6 lm/w Radiant flux: 0.0328 W

Electrical Parameter

Voltage: 24.0 V Current: 0.021 A Watto: 0.504 W Power factor: 1.000

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