



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON LED 360
Product No. : NSD22-5M-RGB_G
Manufacturer : BLED

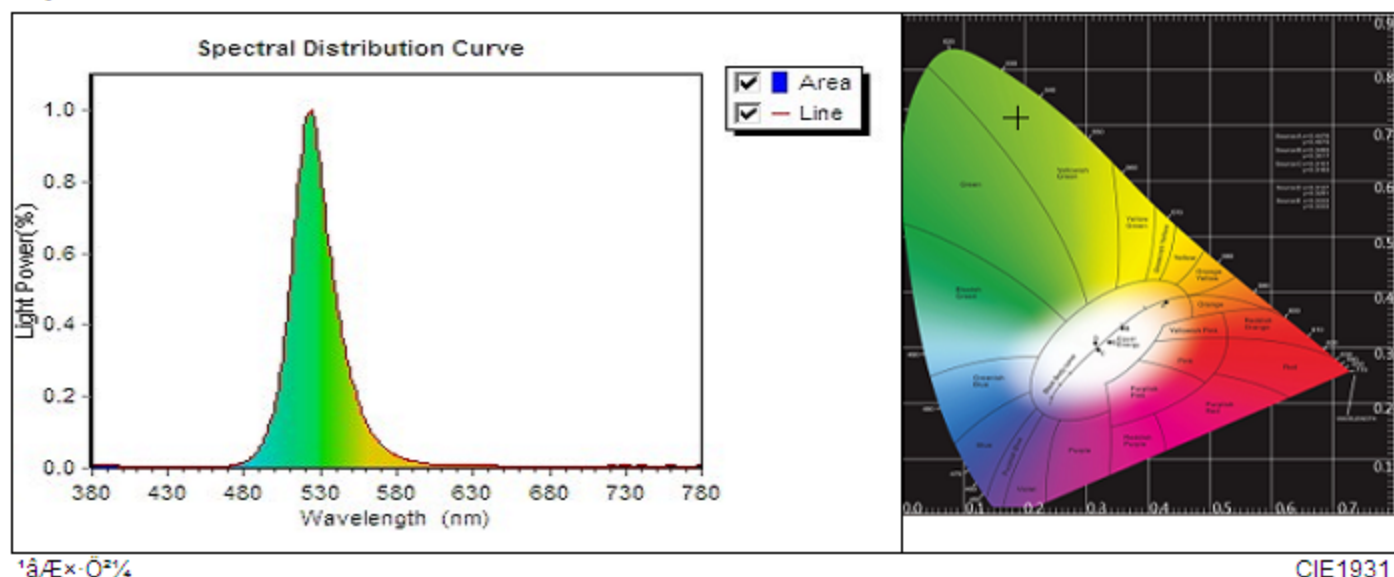
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 52509 (80.1%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1840$ $y=0.7260$ $u=0.0649$ $v=0.3840$ ($duv=0.1537$)
Color temperature: $TC=7588$ K Color difference: $SDCM=274.6$ Main Wavelength: $\lambda_d=506.06$ nm Purity: $Purity=0.798$
Peak wavelength: $\lambda_p=523.0$ nm FWHM: $\Delta\lambda_p=29.1$ nm Color ratio: $R=0.70\%$ $G=98.42\%$ $B=0.88\%$

Color rendering index (Ra): $Ra=-18.7$

$R1=-32.3$ $R2=-5.5$ $R3=-15.1$ $R4=-54.9$ $R5=-7.8$ $R6=-13.6$ $R7=4.2$ $R8=-25.0$
 $R9=-341.1$ $R10=-102.0$ $R11=-85.6$ $R12=-32.8$ $R13=-34.6$ $R14=42.4$ $R15=-30.0$

Optical Parameter

Luminous flux: 55.238 lm Luminous efficiency: 51.15 lm/w Radiant flux: 0.1118 W

Electrical Parameter

Voltage: 23.99 V Current: 0.0313 A Watte: 1.08 W Power factor: 1.000

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