



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON LED 360
Product No. : NSD22-5M-RGB_R+G+B
Manufacturer : BLED

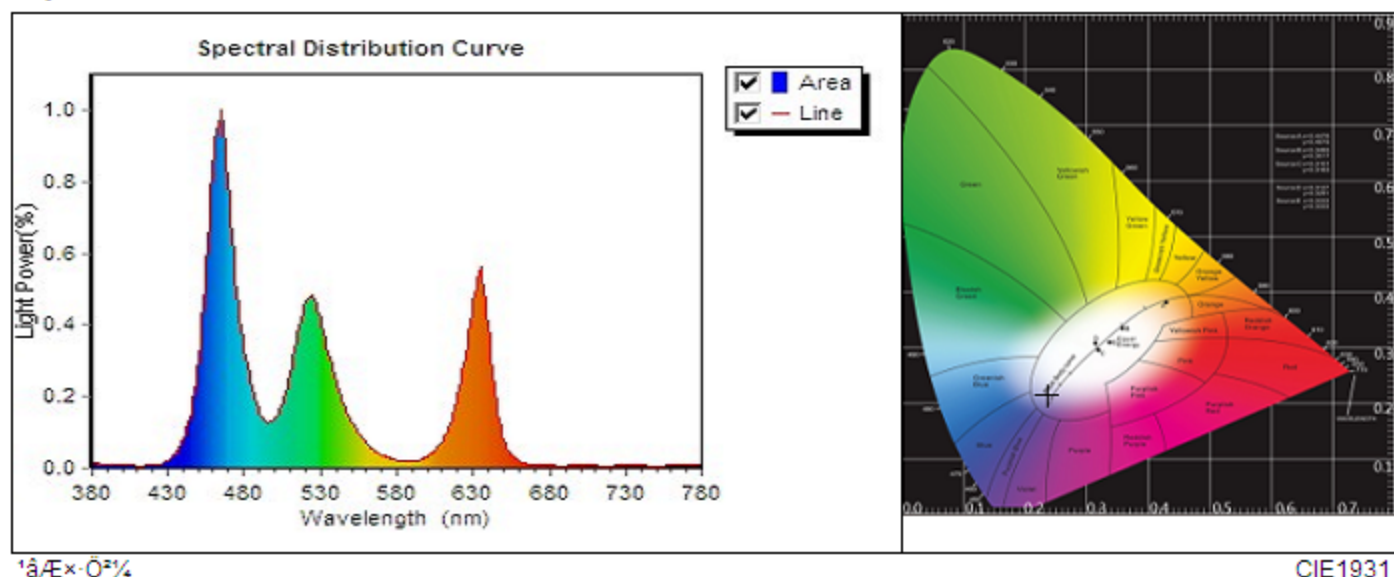
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 53635 (81.8%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2339$ $y=0.2629$ $u=0.1645$ $v=0.2774$ ($duv=0.0186$)
Color temperature: $TC=29941$ K Color difference: $SDCM=53.8$ Main Wavelength: $\lambda_d=481.07$ nm Purity: $Purity=0.578$
Peak wavelength: $\lambda_p=464.0$ nm FWHM: $\Delta\lambda_p=21.1$ nm Color ratio: $R=17.38\%$ $G=71.01\%$ $B=11.60\%$

Color rendering index (Ra): $Ra=66.9$

$R1=60.5$ $R2=75.1$ $R3=80.5$ $R4=76.1$ $R5=79.0$ $R6=77.4$ $R7=63.2$ $R8=22.6$
 $R9=-151.8$ $R10=49.0$ $R11=71.1$ $R12=57.6$ $R13=56.0$ $R14=85.6$ $R15=37.0$

Optical Parameter

Luminous flux: 79.995 lm Luminous efficiency: 26.67 lm/w Radiant flux: 0.352 W

Electrical Parameter

Voltage: 23.99 V Current: 0.125 A Watts: 2.999 W Power factor: 1.000

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