



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON LED 360
Product No. : NSD22-2M-BF
Manufacturer : BLED

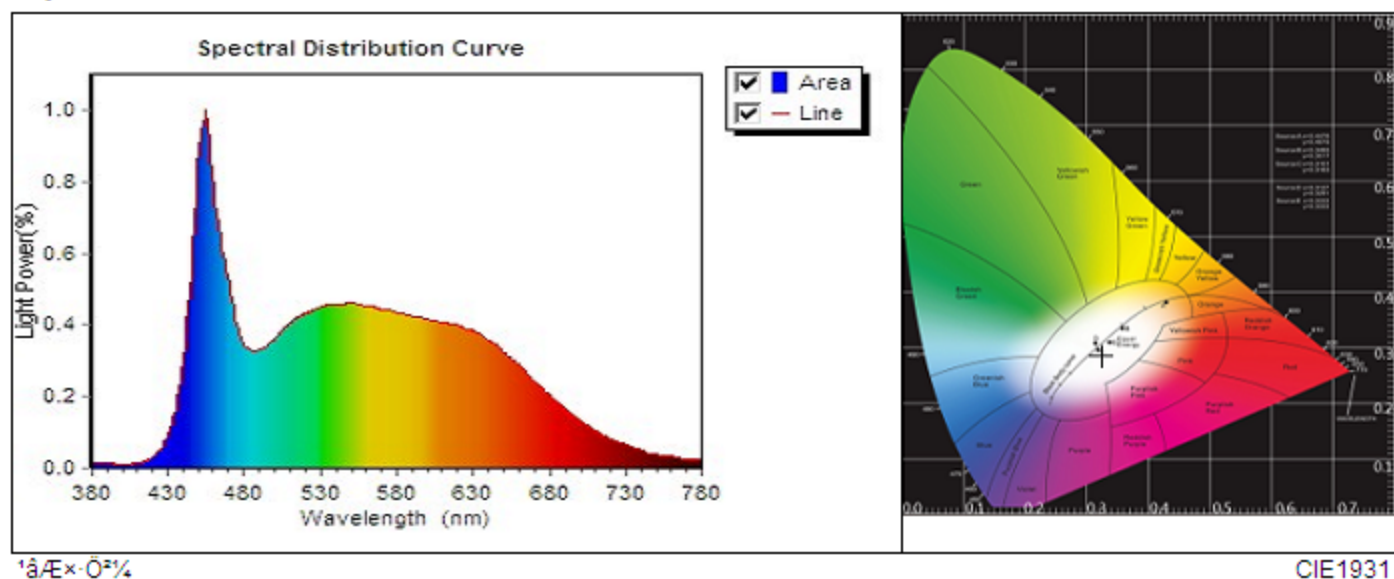
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 47162 (72.0%)
Integral time. : 27ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3200$ $y=0.3287$ $u=0.2031$ $v=0.3128$ ($duv=-0.0006$)
Color temperature: $TC=6118$ K Color difference: $SDCM=6.1$ Main Wavelength: $\lambda_d=482.07$ nm Purity: $Purity=0.339$
Peak wavelength: $\lambda_p=454.0$ nm FWHM: $\lambda_p=26.8$ nm Color ratio: $R=17.00\%$ $G=76.97\%$ $B=6.03\%$

Color rendering index (Ra): $Ra=94.5$

$R1=95.7$ $R2=98.0$ $R3=96.0$ $R4=93.4$ $R5=93.5$ $R6=92.2$ $R7=94.8$ $R8=92.0$
 $R9=81.9$ $R10=93.6$ $R11=93.8$ $R12=68.8$ $R13=97.8$ $R14=97.9$ $R15=95.7$

Optical Parameter

Luminous flux: 170.371 lm luminous efficiency: 75.55 lm/w Radiant flux: 0.6208 W

Electrical Parameter

Voltage: 23.99 V Current: 0.094 A Watts: 2.255 W Power factor: 1.000

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