



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

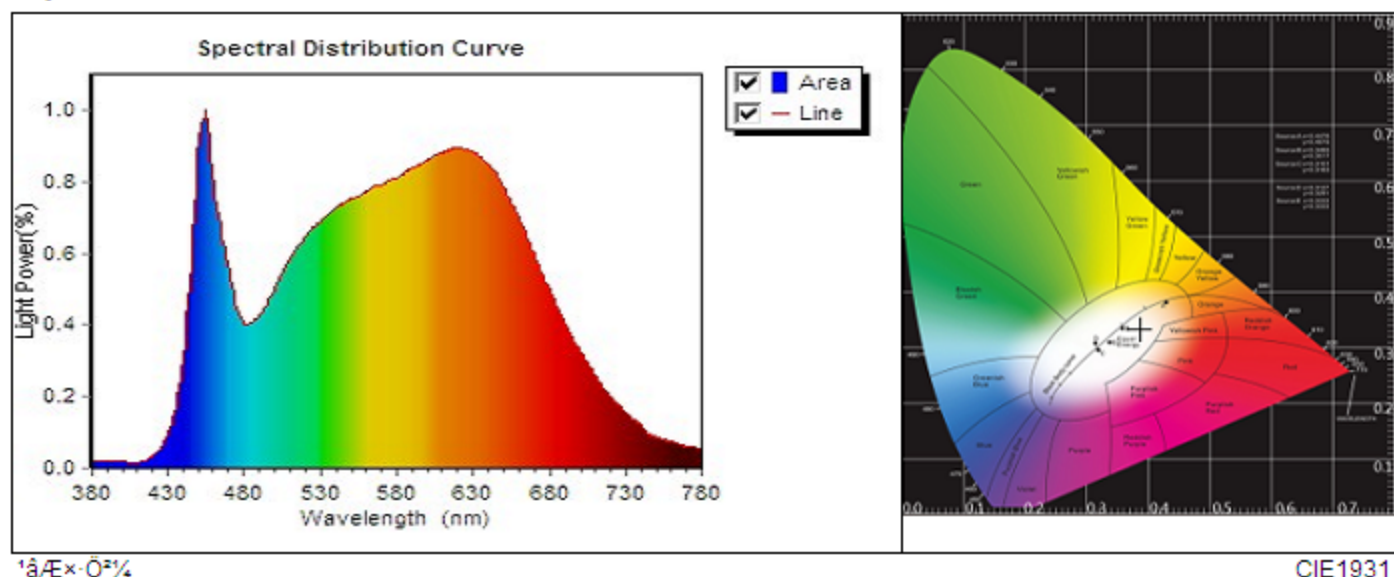
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 31108 (47.5%)
Integral time. : 27ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3815$ $y=0.3732$ $u=0.2272$ $v=0.3335$ ($duv=-0.0020$)
Color temperature: $TC=3944$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.17$
Peak wavelength: $\lambda_p=453.8$ nm FWHM: $\Delta\lambda_p=28.3$ nm Color ratio: $R=21.68\%$ $G=74.30\%$ $B=4.01\%$

Color rendering index (Ra): $Ra=95.2$

$R1=96.2$ $R2=98.2$ $R3=97.2$ $R4=94.3$ $R5=94.6$ $R6=94.6$ $R7=95.1$ $R8=90.8$
 $R9=79.2$ $R10=93.7$ $R11=94.2$ $R12=73.1$ $R13=97.4$ $R14=98.1$ $R15=95.0$

Optical Parameter

Luminous flux: 178.135 lm luminous efficiency: 79.0 lm/w Radiant flux: 0.6353 W

Electrical Parameter

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

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