



BARCELONALED ILUMINACION S.L.
BRCELONALED, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : NEON LED 360
Product No. : NSD22-2M-RGB_R+G+B
Manufacturer : BLED

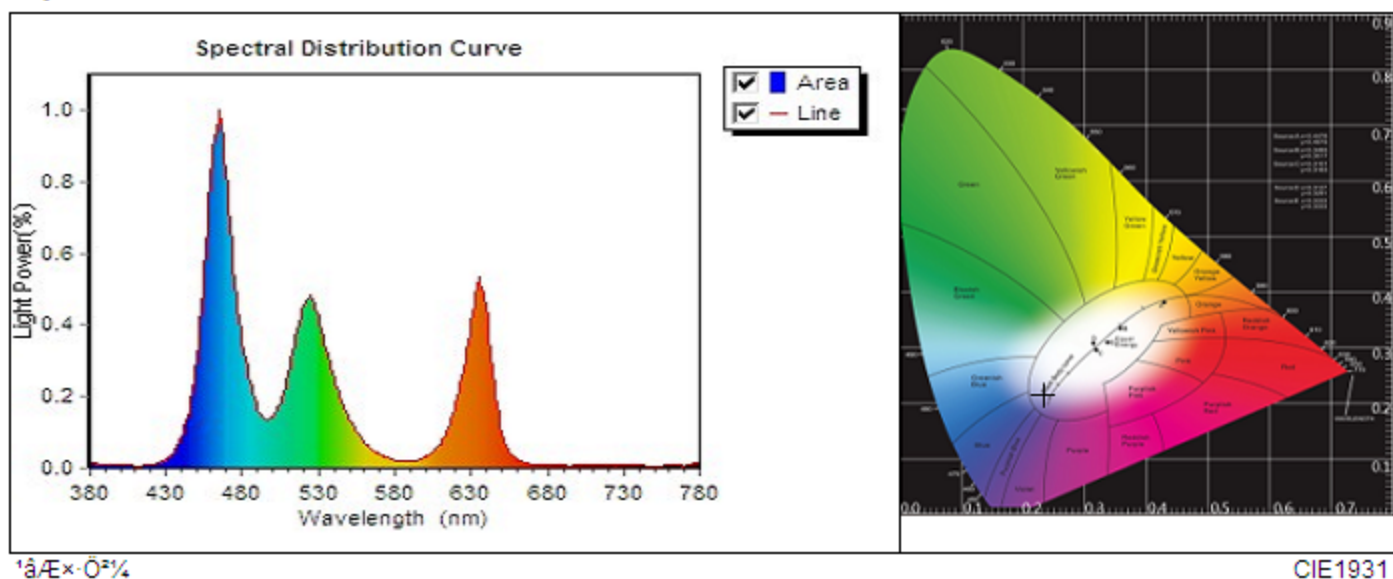
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 51828 (79.1%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2303$ $y=0.2636$ $u=0.1615$ $v=0.2773$ ($duv=0.0215$)
Color temperature: $TC=32453$ K Color difference: $SDCM=56.8$ Main Wavelength: $\lambda_d=481.08$ nm Purity: $Purity=0.584$
Peak wavelength: $\lambda_p=464.4$ nm FWHM: $\Delta\lambda_p=20.9$ nm Color ratio: $R=16.45\%$ $G=71.63\%$ $B=11.92\%$

Color rendering index (Ra): $Ra=69.4$

$R1=65.8$ $R2=76.0$ $R3=81.7$ $R4=79.4$ $R5=83.2$ $R6=78.3$ $R7=63.7$ $R8=27.0$
 $R9=-140.6$ $R10=51.9$ $R11=76.0$ $R12=57.0$ $R13=58.5$ $R14=86.8$ $R15=41.5$

Optical Parameter

Luminous flux: 78.512 lm Luminous efficiency: 25.77 lm/w Radiant flux: 0.3473 W

Electrical Parameter

Voltage: 23.99 V Current: 0.127 A Watts: 3.047 W Power factor: 1.000

MEASUREFINE

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