



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

Spectral test report for lamp

Product type : NEON LED
Product No. : N410-5M_RGB_R+G+B
Manufacturer : BLED

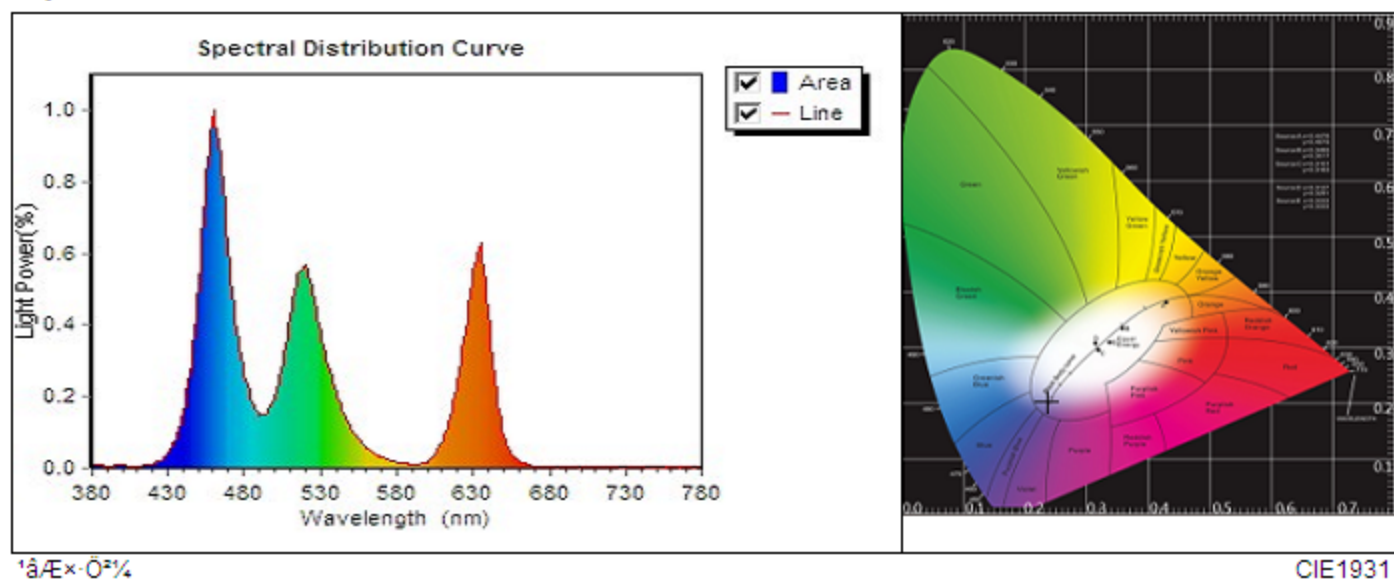
Test date. : 2023-02-21
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 50104 (76.5%)
Integral time. : 161ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2325$ $y=0.2515$ $u=0.1674$ $v=0.2717$ ($duv=-0.0149$)
Color temperature: $TC=53925$ K Color difference: $SDCM=54.2$ Main Wavelength: $\lambda_d=480.1$ nm Purity: $Purity=0.591$
Peak wavelength: $\lambda_p=460.2$ nm FWHM: $\Delta\lambda_p=22.3$ nm Color ratio: $R=18.66\%$ $G=70.69\%$ $B=10.65\%$

Color rendering index (Ra): $Ra=58.7$

$R1=49.0$ $R2=73.9$ $R3=73.1$ $R4=62.2$ $R5=68.0$ $R6=73.0$ $R7=61.5$ $R8=8.3$
 $R9=-197.9$ $R10=37.0$ $R11=43.8$ $R12=63.9$ $R13=49.6$ $R14=80.9$ $R15=26.6$

Optical Parameter

Luminous flux: 12.036 lm Luminous efficiency: 5.76 lm/w Radiant flux: 0.0545 W

Electrical Parameter

Voltage: 24.0 V Current: 0.087 A Watto: 2.088 W Power factor: 1.000

MEASUREFINE

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