



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON
Product No. : N511-5M-BF
Manufacturer : Medidas 80mm

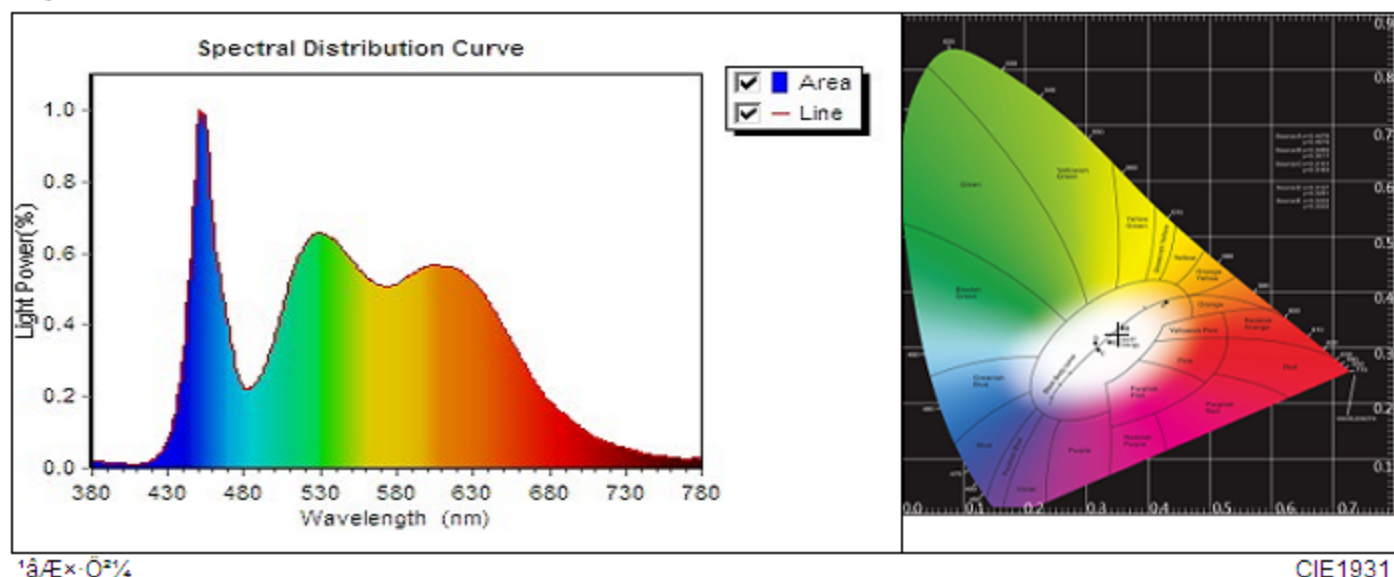
Test date. : 2022-08-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 42537 (64.9%)
Integral time. : 77ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3443$ $y=0.3648$ $u=0.2059$ $v=0.3272$ ($duv=0.0068$)
Color temperature: $TC=5070$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=485.01$ nm Purity: $Purity=0.259$
Peak wavelength: $\lambda_p=452.3$ nm FWHM: $\Delta\lambda_p=20.5$ nm Color ratio: $R=18.15\%$ $G=77.93\%$ $B=3.91\%$

Color rendering index (Ra): $Ra=90.9$

$R1=93.1$ $R2=91.8$ $R3=89.2$ $R4=92.3$ $R5=91.3$ $R6=88.4$ $R7=94.3$ $R8=86.7$
 $R9=59.1$ $R10=78.8$ $R11=90.6$ $R12=64.2$ $R13=93.6$ $R14=93.5$ $R15=89.9$

Optical Parameter

Luminous flux: 62.764 lm Luminous efficiency: 74.72 lm/w Radiant flux: 0.2049 W

Electrical Parameter

Voltage: 24.0 V Current: 0.035 A Watto: 0.84 W Power factor: 1.000

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