



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : G4
Product No. : B480-BN
Manufacturer : BLED

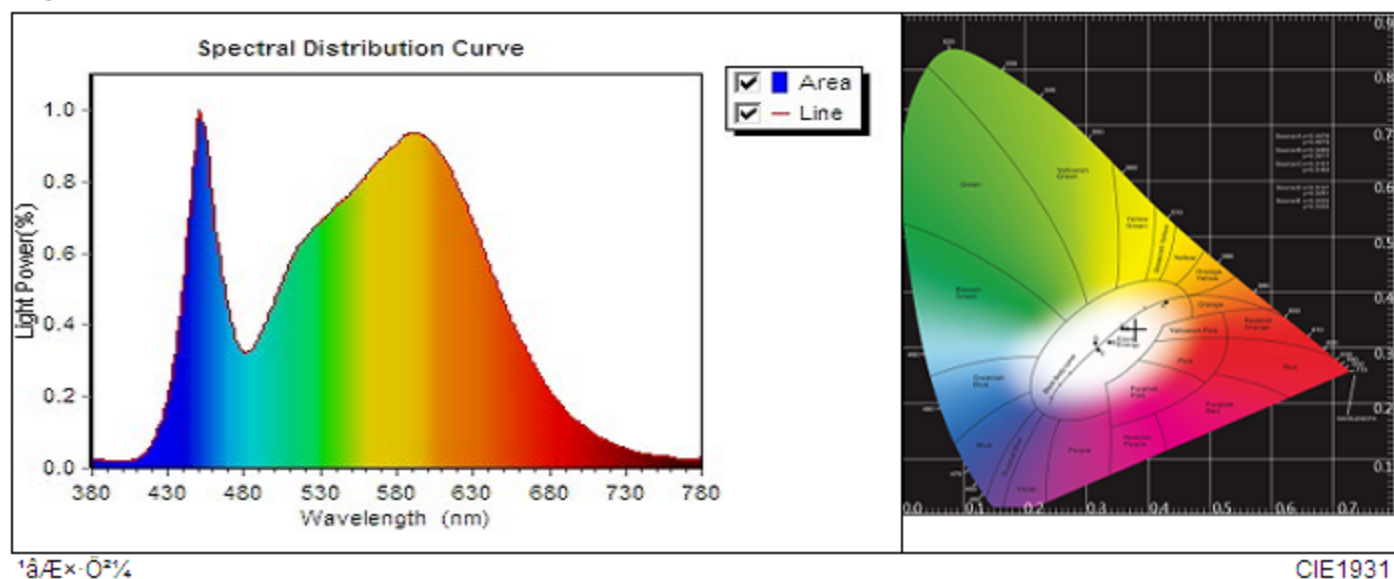
Test date. : 2021-07-28
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 39104 (59.7%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3720$ $y=0.3723$ $u=0.2213$ $v=0.3322$ ($duv=0.0005$)
Color temperature: $TC=4208$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.192$
Peak wavelength: $\lambda_p=451.5$ nm FWHM: $\Delta\lambda_p=27.2$ nm Color ratio: $R=19.14\%$ $G=77.29\%$ $B=3.57\%$

Color rendering index (Ra): $Ra=83.4$

$R1=81.6$ $R2=89.5$ $R3=94.9$ $R4=82.2$ $R5=81.8$ $R6=85.1$ $R7=86.5$ $R8=65.5$
 $R9=9.4$ $R10=74.7$ $R11=81.0$ $R12=63.4$ $R13=84.2$ $R14=97.3$ $R15=75.8$

Optical Parameter

Luminous flux: 220.047 lm luminous efficiency: 123.97 lm/w Radiant flux: 0.6808 W

Electrical Parameter

Voltage: 11.99 V Current: 0.148 A Watte: 1.775 W Power factor: 1.000

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