



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B8410-2-150BF
Manufacturer : bled

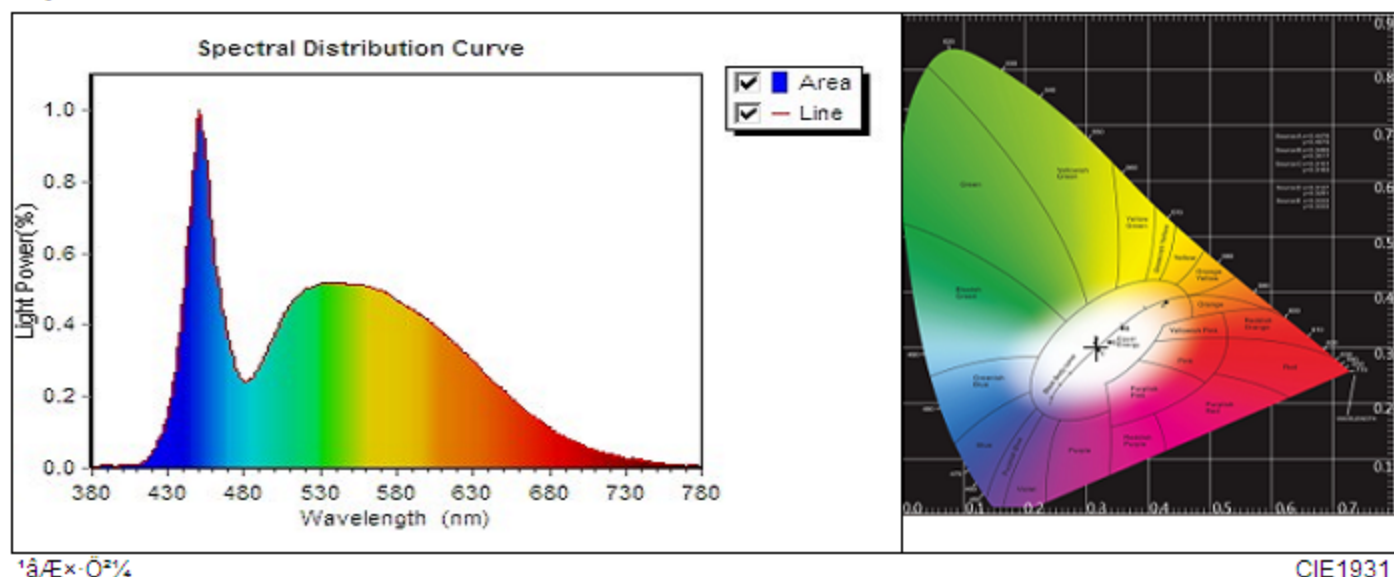
Test date. : 2024-03-20
Test equipment: SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 55078 (84.0%)
Integral time. : 54ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3119$ $y=0.3410$ $u=0.1929$ $v=0.3163$ ($duv=0.0096$)
Color temperature: $TC=6460$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.347$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=23.5$ nm Color ratio: $R=14.02\%$ $G=81.07\%$ $B=4.91\%$

Color rendering index (Ra): $Ra=82.2$

$R1=79.1$ $R2=85.4$ $R3=90.3$ $R4=81.7$ $R5=80.1$ $R6=80.3$ $R7=89.5$ $R8=71.0$
 $R9=7.5$ $R10=66.1$ $R11=80.4$ $R12=56.5$ $R13=81.5$ $R14=94.9$ $R15=74.4$

Optical Parameter

Luminous flux: 4547.914 lm luminous efficiency: 100.17 lm/w Radiant flux: 14.6937 W

Electrical Parameter

Voltage: 240.7 V Current: 0.193 A Watts: 45.40 W Power factor: 0.975

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