



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B8150-200-5K LOW
Manufacturer : bled

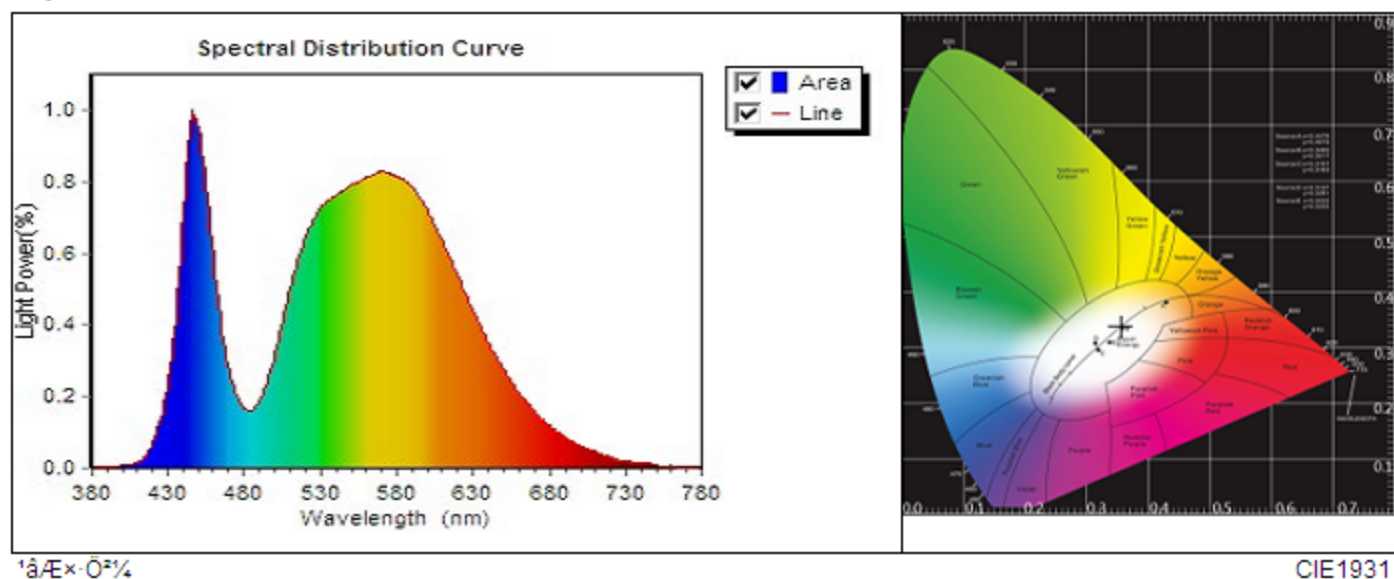
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 33763 (51.5%)
Integral time. : 11ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3516$ $y=0.3776$ $u=0.2060$ $v=0.3318$ ($duv=0.0101$)
Color temperature: $TC=4865$ K Color difference: $SDCM=6.7$ Main Wavelength: $\lambda_d=486.07$ nm Purity: $Purity=0.235$
Peak wavelength: $\lambda_p=446.8$ nm FWHM: $\Delta\lambda_p=25.4$ nm Color ratio: $R=15.01\%$ $G=82.27\%$ $B=2.72\%$

Color rendering index (Ra): $Ra=70.6$

$R1=65.7$ $R2=75.7$ $R3=84.8$ $R4=70.2$ $R5=66.6$ $R6=67.0$ $R7=82.4$ $R8=52.0$
 $R9=-45.3$ $R10=43.6$ $R11=66.1$ $R12=37.9$ $R13=68.6$ $R14=91.6$ $R15=57.9$

Optical Parameter

Luminous flux: 18680.82 lm luminous efficiency: 159.94 lm/w Radiant flux: 52.7496 W

Electrical Parameter

Voltage: 241.1 V Current: 0.519 A Watte: 116.80 W Power factor: 0.933

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