



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

Spectral test report for lamp

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

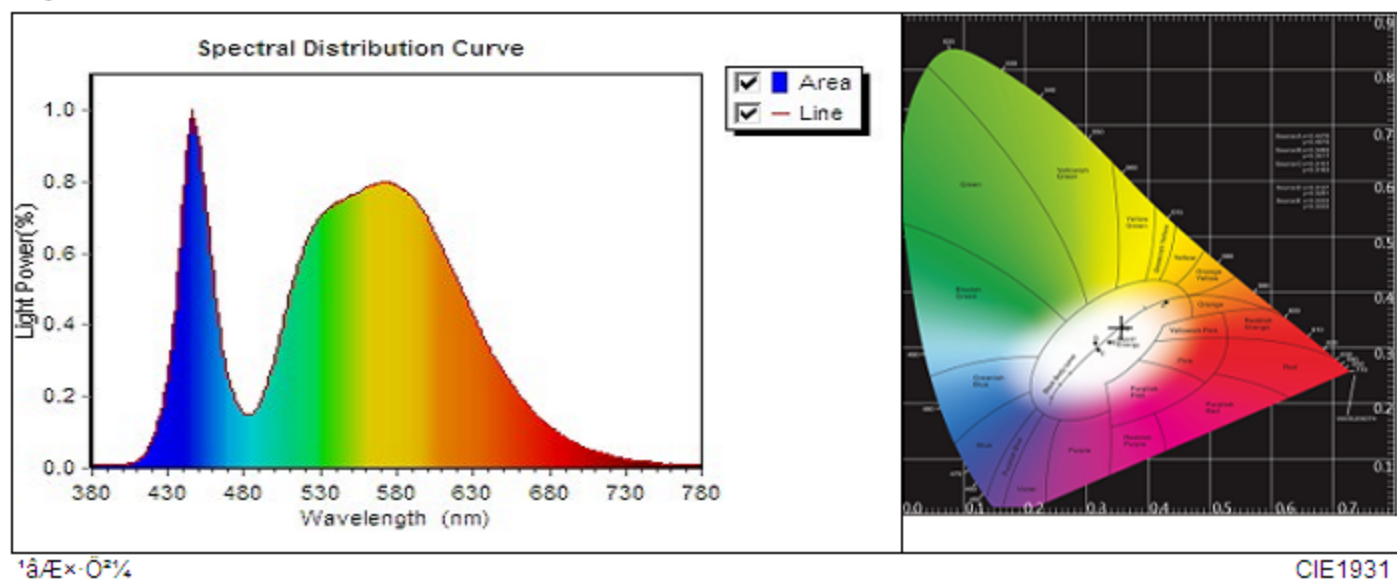
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 53150 (81.1%)
Integral time. : 11ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3510$ $y=0.3755$ $u=0.2063$ $v=0.3311$ ($duv=0.0093$)
Color temperature: $TC=4877$ K Color difference: $SDCM=6.0$ Main Wavelength: $\lambda_d=486$ nm Purity: $Purity=0.238$
Peak wavelength: $\lambda_p=446.2$ nm FWHM: $\Delta\lambda_p=25.2$ nm Color ratio: $R=15.07\%$ $G=82.25\%$ $B=2.68\%$

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

$R1=66.0$ $R2=75.5$ $R3=84.1$ $R4=70.7$ $R5=67.0$ $R6=66.8$ $R7=82.0$ $R8=52.5$
 $R9=-43.8$ $R10=43.1$ $R11=66.9$ $R12=39.0$ $R13=68.7$ $R14=91.2$ $R15=58.4$

Optical Parameter

Luminous flux: 30212.13 lm Luminous efficiency: 150.31 lm/w Radiant flux: 86.1696 W

Electrical Parameter

Voltage: 242.3 V Current: 0.857 A Watts: 201.00 W Power factor: 0.967

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