



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

Spectral test report for lamp

Product type :
Product No. : B8150-150-5K MID
Manufacturer : bled

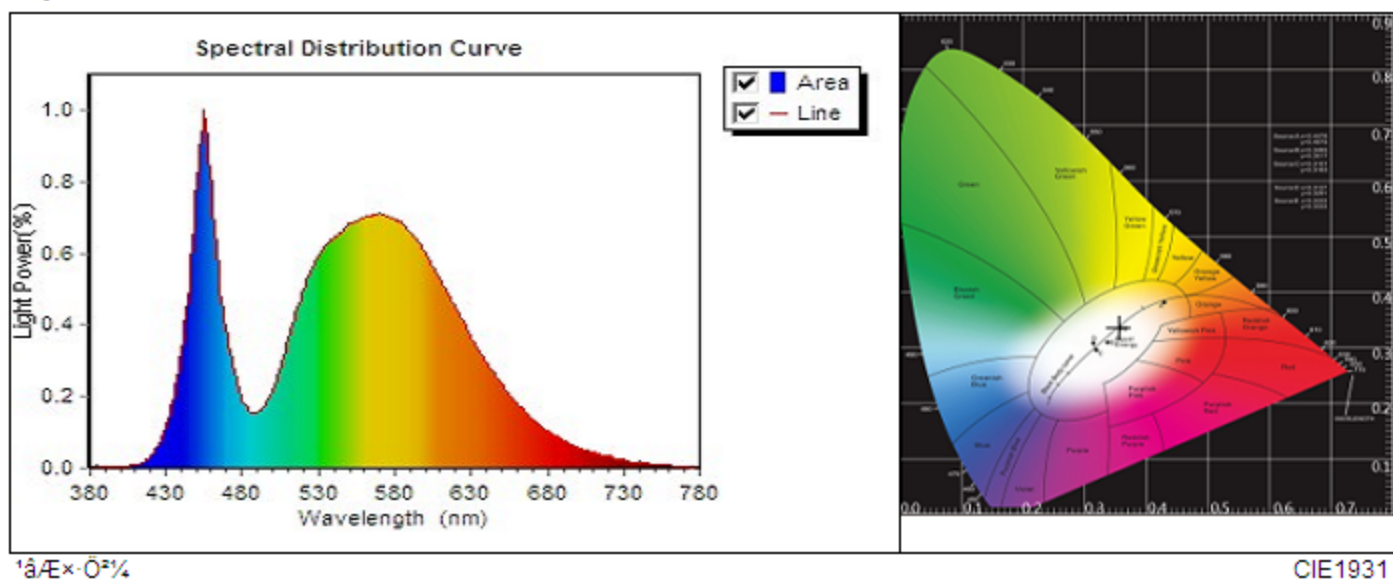
Test date. : 2024-03-11
Test equipment: SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 44580 (68.0%)
Integral time. : 13ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3511$ $y=0.3758$ $u=0.2063$ $v=0.3312$ ($duv=0.0094$)
Color temperature: $TC=4874$ K Color difference: $SDCM=6.1$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.237$
Peak wavelength: $\lambda_p=454.9$ nm FWHM: $\Delta\lambda_p=20.2$ nm Color ratio: $R=14.91\%$ $G=81.93\%$ $B=3.16\%$

Color rendering index (Ra): $Ra=70.3$

$R1=65.0$ $R2=77.7$ $R3=86.6$ $R4=66.3$ $R5=64.8$ $R6=67.6$ $R7=83.2$ $R8=50.7$
 $R9=-45.9$ $R10=46.1$ $R11=59.9$ $R12=31.7$ $R13=69.0$ $R14=92.4$ $R15=58.3$

Optical Parameter

Luminous flux: 18680.25 lm luminous efficiency: 158.44 lm/w Radiant flux: 52.917 W

Electrical Parameter

Voltage: 241.4 V Current: 0.505 A Watte: 117.90 W Power factor: 0.966

MEASUREFINE

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