



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B8150-100-5K MID
Manufacturer : bled

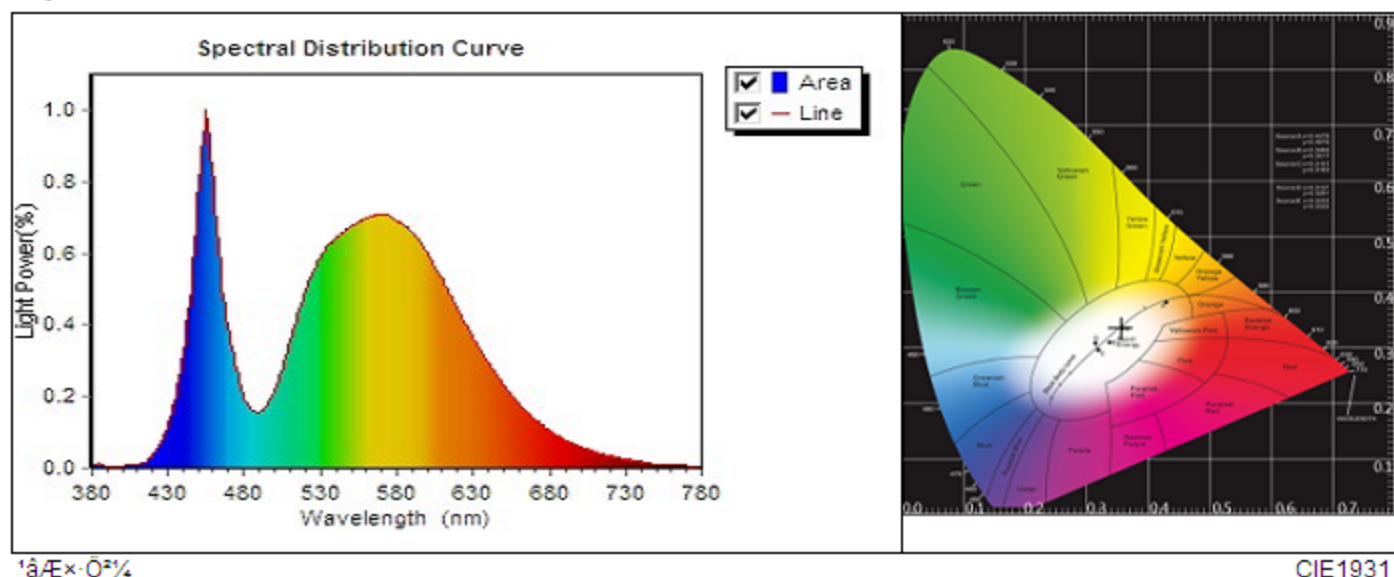
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 41910 (64.0%)
Integral time. : 18ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3506$ $y=0.3749$ $u=0.2063$ $v=0.3309$ ($duv=0.0092$)
Color temperature: $TC=4888$ K Color difference: $SDCM=5.8$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.239$
Peak wavelength: $\lambda_p=455.0$ nm FWHM: $\Delta\lambda_p=20.0$ nm Color ratio: $R=14.90\%$ $G=81.89\%$ $B=3.20\%$

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

$R1=65.1$ $R2=77.8$ $R3=86.6$ $R4=66.2$ $R5=64.8$ $R6=67.8$ $R7=83.2$ $R8=50.7$
 $R9=-45.6$ $R10=46.4$ $R11=59.7$ $R12=31.9$ $R13=69.1$ $R14=92.5$ $R15=58.4$

Optical Parameter

Luminous flux: 12489.22 lm luminous efficiency: 157.89 lm/w Radiant flux: 35.5181 W

Electrical Parameter

Voltage: 240.8 V Current: 0.344 A Watte: 79.10 W Power factor: 0.953

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