



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LINEAL
Product No. : B9050-B-BN
Manufacturer : BLED

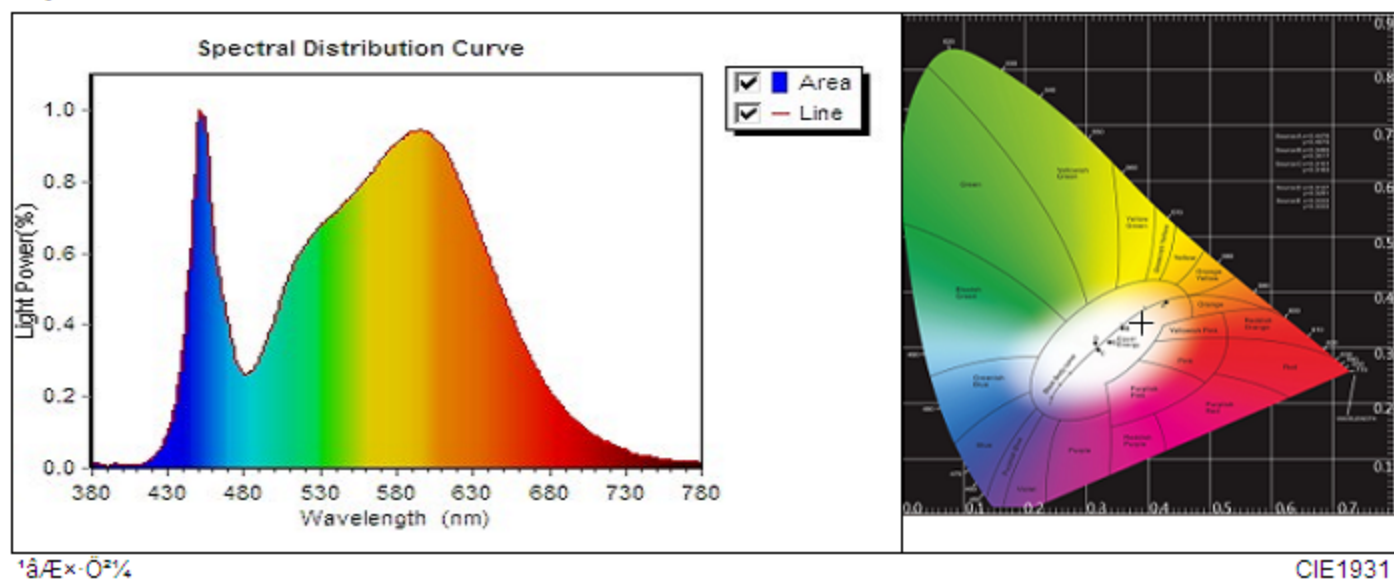
Test date. : 2020-10-13
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 38484 (58.7%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3846$ $y=0.3839$ $u=0.2250$ $v=0.3369$ ($duv=0.0021$)
Color temperature: $TC=3941$ K Color difference: $SDCM=2.2$ Main Wavelength: $\lambda_d=485.02$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=452.1$ nm FWHM: $\Delta\lambda_p=21.1$ nm Color ratio: $R=19.84\%$ $G=77.02\%$ $B=3.14\%$

Color rendering index (Ra): $Ra=82.4$

$R1=80.4$ $R2=88.7$ $R3=94.8$ $R4=80.9$ $R5=80.1$ $R6=84.0$ $R7=86.1$ $R8=63.4$
 $R9=5.5$ $R10=72.9$ $R11=79.5$ $R12=58.0$ $R13=83.2$ $R14=97.3$ $R15=74.1$

Optical Parameter

Luminous flux: 3120.678 lm luminous efficiency: 79.21 lm/w Radiant flux: 9.3778 W

Electrical Parameter

Voltage: 220.4 V Current: 0.185 A Watts: 39.40 W Power factor: 0.966

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