



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SPOT LED
Product No. : B2050-N
Manufacturer : BLED

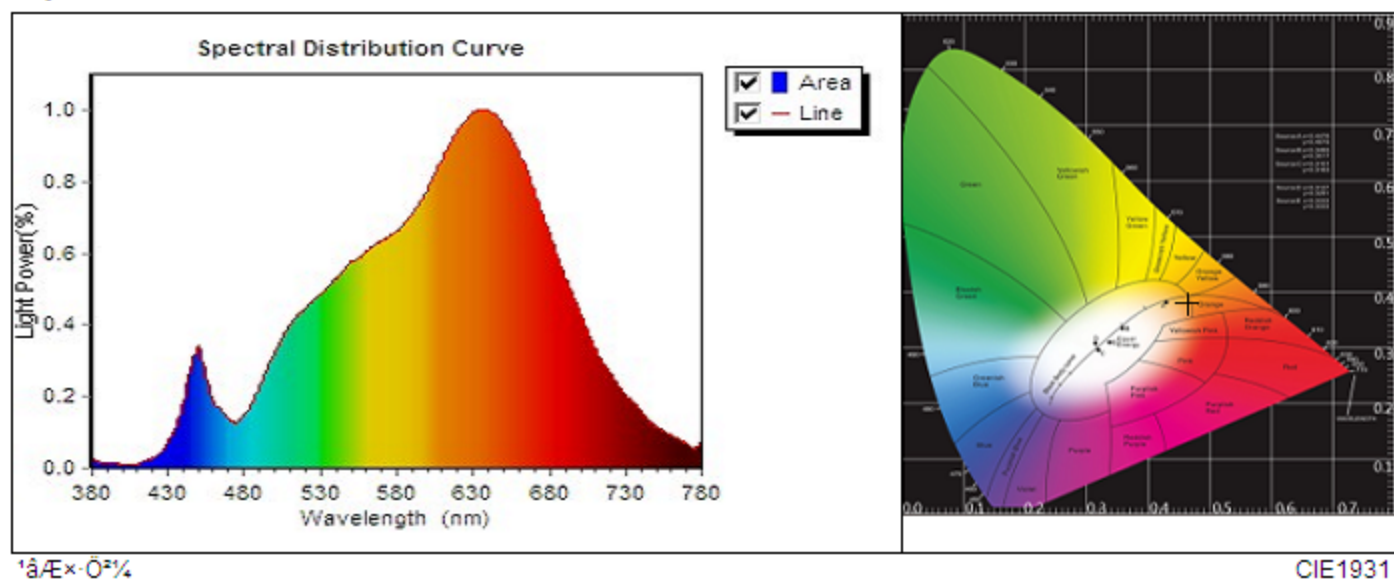
Test date. : 2022-05-11
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 42015 (64.1%)
Integral time. : 1310ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4571$ $y=0.4154$ $u=0.2586$ $v=0.3525$ ($duv=0.0020$)
Color temperature: $TC=2776$ K Color difference: $SDCM=3.3$ Main Wavelength: $\lambda_d=580.06$ nm Purity: $Purity=0.122$
Peak wavelength: $\lambda_p=636.7$ nm FWHM: $\Delta\lambda_p=160.6$ nm Color ratio: $R=27.77\%$ $G=70.21\%$ $B=2.02\%$

Color rendering index (Ra): $Ra=96.6$

$R1=98.4$ $R2=96.7$ $R3=93.2$ $R4=97.0$ $R5=97.4$ $R6=96.0$ $R7=97.6$ $R8=96.1$
 $R9=88.1$ $R10=91.3$ $R11=96.0$ $R12=87.0$ $R13=97.9$ $R14=95.3$ $R15=96.7$

Optical Parameter

Luminous flux: 200.415 lm luminous efficiency: 54.17 lm/w Radiant flux: 0.7655 W

Electrical Parameter

Voltage: 230.6 V Current: 0.029 A Watts: 3.70 W Power factor: 0.540

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