



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SPOT
Product No. : B2090-N
Manufacturer : BLED

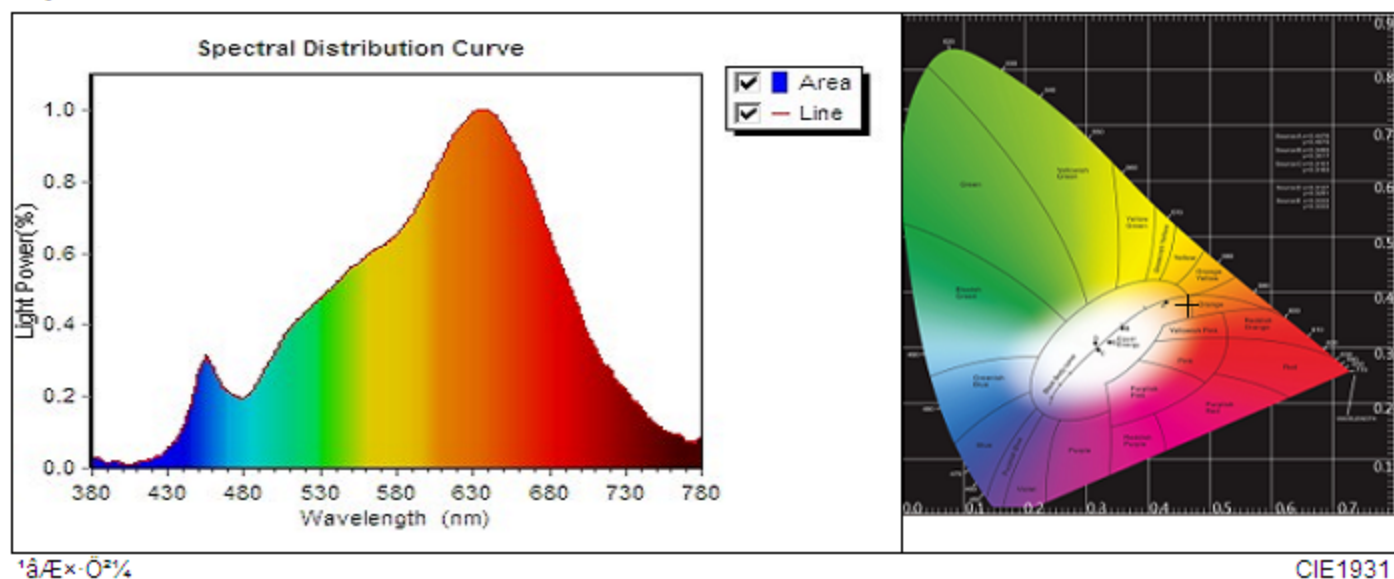
Test date. : 2022-05-16
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 55288 (84.4%)
Integral time. : 592ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4566$ $y=0.4130$ $u=0.2593$ $v=0.3518$ ($duv=0.0012$)
Color temperature: $TC=2765$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=584.06$ nm Purity: $Purity=0.098$
Peak wavelength: $\lambda_p=636.7$ nm FWHM: $\Delta\lambda_p=158.9$ nm Color ratio: $R=28.12\%$ $G=69.53\%$ $B=2.35\%$

Color rendering index (Ra): $Ra=98.5$

$R1=99.7$ $R2=99.2$ $R3=96.5$ $R4=99.2$ $R5=99.3$ $R6=98.8$ $R7=98.4$ $R8=96.2$
 $R9=90.1$ $R10=96.8$ $R11=97.1$ $R12=88.9$ $R13=99.7$ $R14=97.0$ $R15=97.8$

Optical Parameter

Luminous flux: 624.088 lm luminous efficiency: 70.92 lm/w Radiant flux: 2.4158 W

Electrical Parameter

Voltage: 230.3 V Current: 0.062 A Watts: 8.80 W Power factor: 0.611

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