



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : QR111
Product No. : B1002-CCT (BF)
Manufacturer : BLED

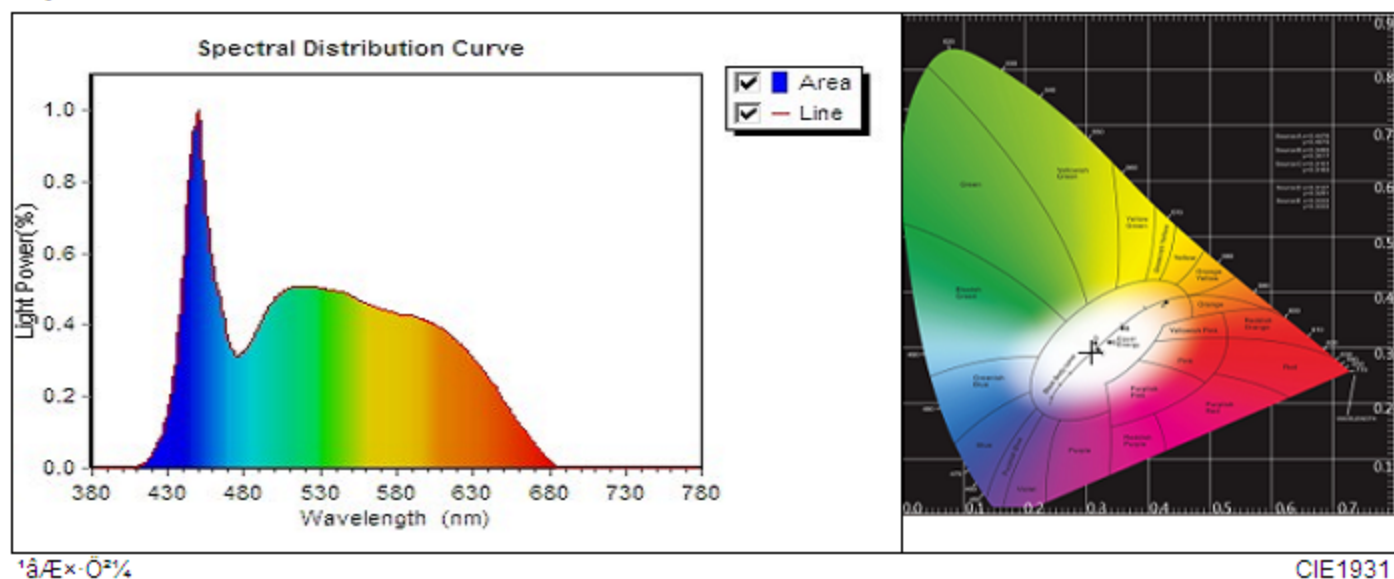
Test date. : 2024-10-08
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40477 (61.8%)
Integral time. : 68ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3042$ $y=0.3348$ $u=0.1898$ $v=0.3134$ ($duv=0.0104$)
Color temperature: $TC=6918$ K Color difference: $SDCM=7.3$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.369$
Peak wavelength: $\lambda_p=448.7$ nm FWHM: $\Delta\lambda_p=23.0$ nm Color ratio: $R=14.34\%$ $G=79.76\%$ $B=5.90\%$

Color rendering index (Ra): $Ra=87.3$

$R1=84.8$ $R2=90.4$ $R3=95.7$ $R4=87.2$ $R5=86.0$ $R6=88.0$ $R7=91.3$ $R8=74.4$
 $R9=18.6$ $R10=78.6$ $R11=87.5$ $R12=68.1$ $R13=87.2$ $R14=98.0$ $R15=78.7$

Optical Parameter

Luminous flux: 2522.229 lm luminous efficiency: 86.08 lm/w Radiant flux: 7.9997 W

Electrical Parameter

Voltage: 230.4 V Current: 0.133 A Watts: 29.30 W Power factor: 0.952

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