



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BARRALED DIRECCIONABLE
Product No. : B7311-CCT (BN)
Manufacturer : BLED

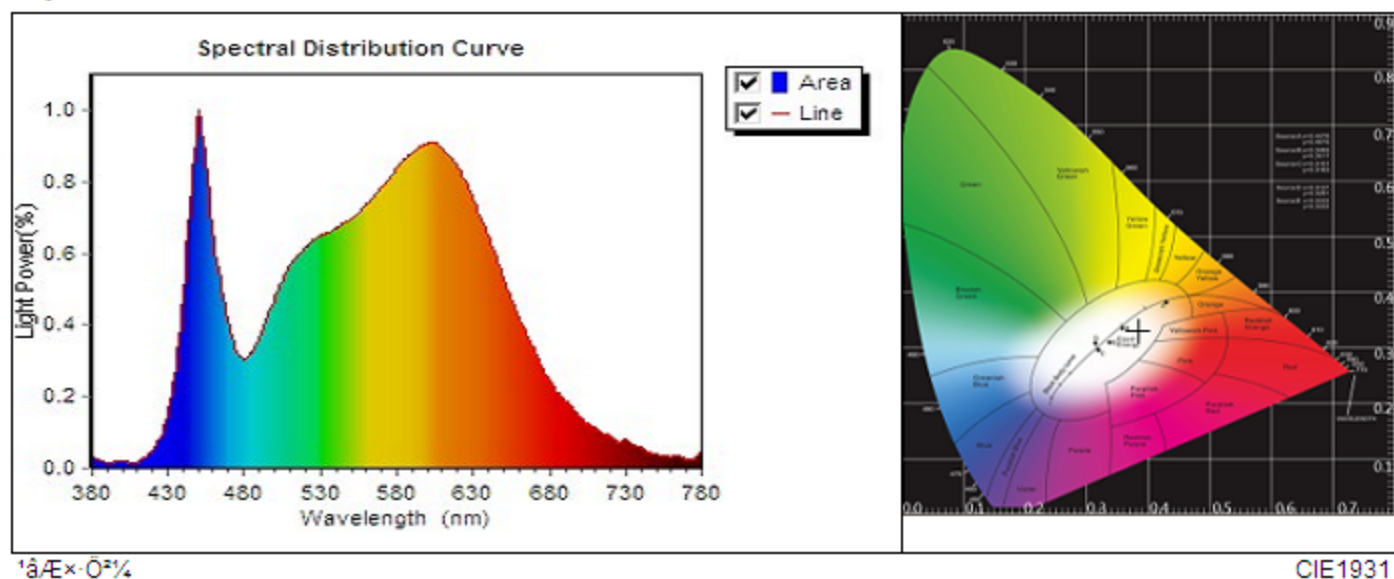
Test date. : 2024-08-28
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 42325 (64.6%)
Integral time. : 472ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3796$ $y=0.3703$ $u=0.2272$ $v=0.3324$ ($duv=-0.0028$)
Color temperature: $TC=3973$ K Color difference: $SDCM=4.8$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.176$
Peak wavelength: $\lambda_p=450.5$ nm FWHM: $\Delta\lambda_p=24.7$ nm Color ratio: $R=21.02\%$ $G=75.39\%$ $B=3.59\%$

Color rendering index (Ra): $Ra=88.8$

$R1=88.8$ $R2=93.9$ $R3=96.4$ $R4=88.9$ $R5=88.9$ $R6=90.9$ $R7=88.6$ $R8=73.7$
 $R9=34.2$ $R10=84.9$ $R11=89.5$ $R12=72.7$ $R13=90.8$ $R14=98.3$ $R15=84.0$

Optical Parameter

Luminous flux: 552.375 lm luminous efficiency: 74.65 lm/w Radiant flux: 1.7724 W

Electrical Parameter

Voltage: 230.4 V Current: 0.053 A Watts: 7.40 W Power factor: 0.593

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