



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRA
Product No. : BLS2835-220V8W-IP65-5M-BN
Manufacturer : BLED

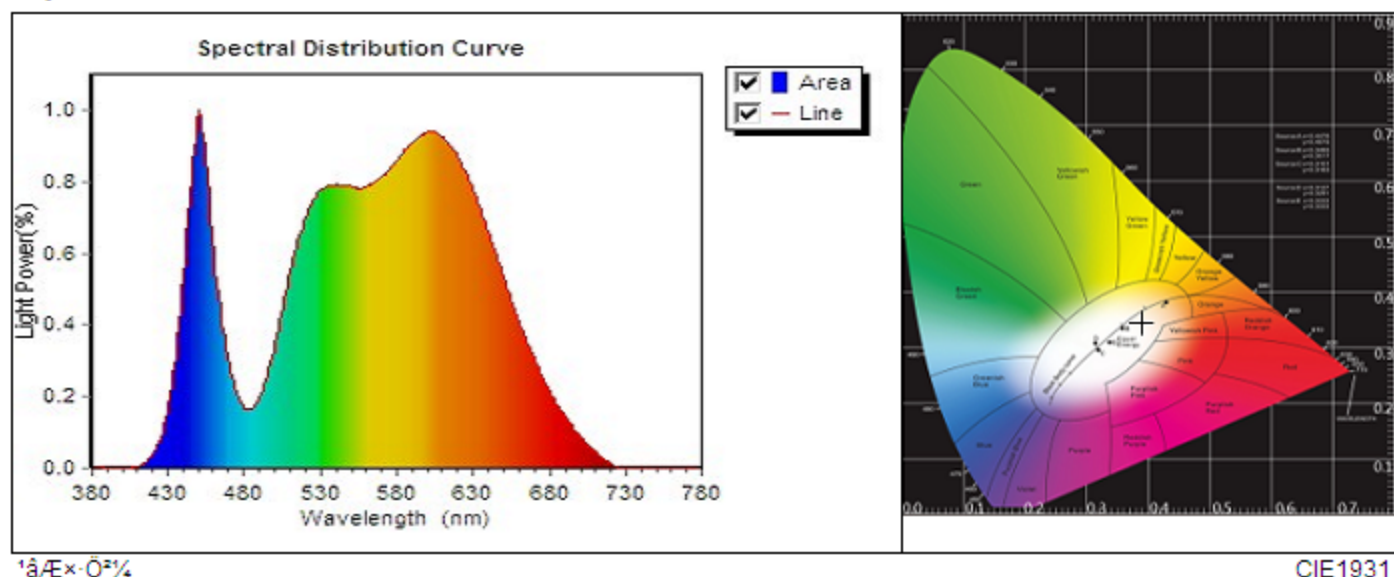
Test date. : 2025-05-13
Test equipment : SPEC2000A Spectrometer
Operator : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 44689 (68.2%)
Integral time. : 84ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3855$ $y=0.3835$ $u=0.2258$ $v=0.3368$ ($duv=0.0017$)
Color temperature: $TC=3915$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.154$
Peak wavelength: $\lambda_p=450.5$ nm FWHM: $\Delta\lambda_p=23.8$ nm Color ratio: $R=20.50\%$ $G=77.03\%$ $B=2.47\%$

Color rendering index (Ra): $Ra=83.6$

$R1=84.1$ $R2=86.8$ $R3=88.0$ $R4=85.6$ $R5=82.7$ $R6=81.6$ $R7=88.6$ $R8=71.2$
 $R9=21.1$ $R10=67.3$ $R11=84.9$ $R12=56.1$ $R13=85.3$ $R14=92.7$ $R15=78.8$

Optical Parameter

Luminous flux: 3551.955 lm luminous efficiency: 70.34 lm/w Radiant flux: 10.4779 W

Electrical Parameter

Voltage: 229.7 V Current: 0.242 A Watte: 50.50 W Power factor: 0.907

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