



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL
Product No. : B5236-BF
Manufacturer : BLED

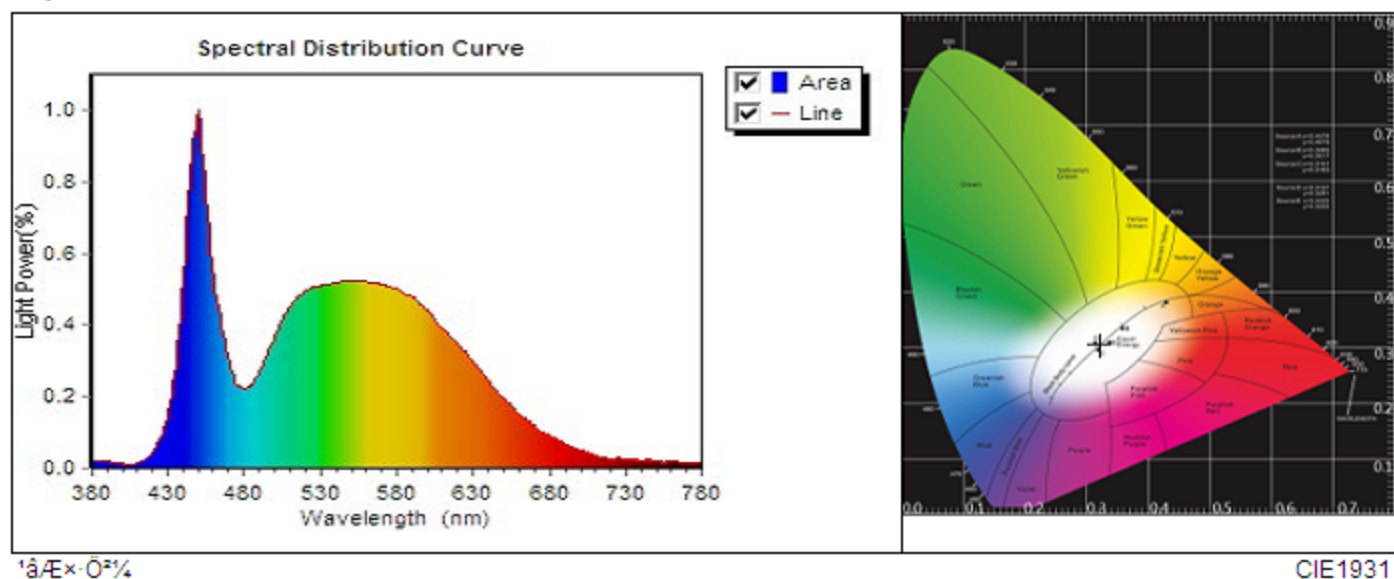
Test date. : 2022-08-23
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 50941 (77.7%)
Integral time. : 81ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3180$ $y=0.3466$ $u=0.1950$ $v=0.3188$ ($duv=0.0094$)
Color temperature: $TC=6140$ K Color difference: $SDCM=5.0$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.329$
Peak wavelength: $\lambda_p=449.1$ nm FWHM: $\Delta\lambda_p=21.5$ nm Color ratio: $R=14.01\%$ $G=81.50\%$ $B=4.49\%$

Color rendering index (Ra): $Ra=79.6$

$R1=76.1$ $R2=83.4$ $R3=89.7$ $R4=79.6$ $R5=77.8$ $R6=78.2$ $R7=86.8$ $R8=65.3$
 $R9=-9.5$ $R10=61.9$ $R11=78.6$ $R12=55.8$ $R13=78.7$ $R14=94.6$ $R15=70.0$

Optical Parameter

Luminous flux: 2735.0 lm Luminous efficiency: 59.98 lm/w Radiant flux: 8.5863 W

Electrical Parameter

Voltage: 230.6 V Current: 0.204 A Watts: 45.60 W Power factor: 0.965

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