



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : PANEL
Product No. : B5235-3CCT_BF
Manufacturer : BLED

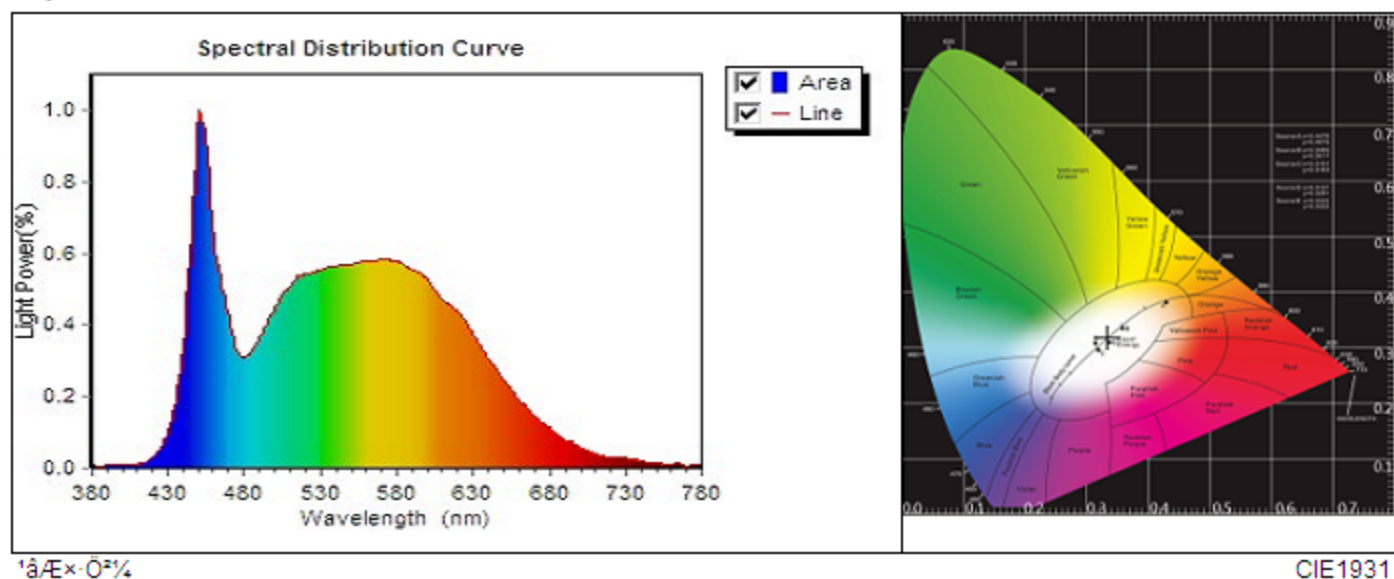
Test date. : 2022-02-02
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 53789 (82.1%)
Integral time. : 62ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3296$ $y=0.3594$ $u=0.1981$ $v=0.3241$ ($duv=0.0104$)
Color temperature: $TC=5620$ K Color difference: $SDCM=10.0$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.295$
Peak wavelength: $\lambda_p=451.7$ nm FWHM: $\Delta\lambda_p=22.3$ nm Color ratio: $R=15.10\%$ $G=80.04\%$ $B=4.85\%$

Color rendering index (Ra): $Ra=82.8$

$R1=79.3$ $R2=88.4$ $R3=95.0$ $R4=80.8$ $R5=80.5$ $R6=84.5$ $R7=87.7$ $R8=65.9$
 $R9=0.6$ $R10=73.8$ $R11=80.3$ $R12=60.8$ $R13=82.8$ $R14=97.4$ $R15=72.6$

Optical Parameter

Luminous flux: 3818.441 lm luminous efficiency: 94.75 lm/w Radiant flux: 11.8184 W

Electrical Parameter

Voltage: 230.3 V Current: 0.181 A Watts: 40.30 W Power factor: 0.963

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