



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL LED BACKLIGHT
Product No. : B5235-BACKLIGHT-BN
Manufacturer : BLED

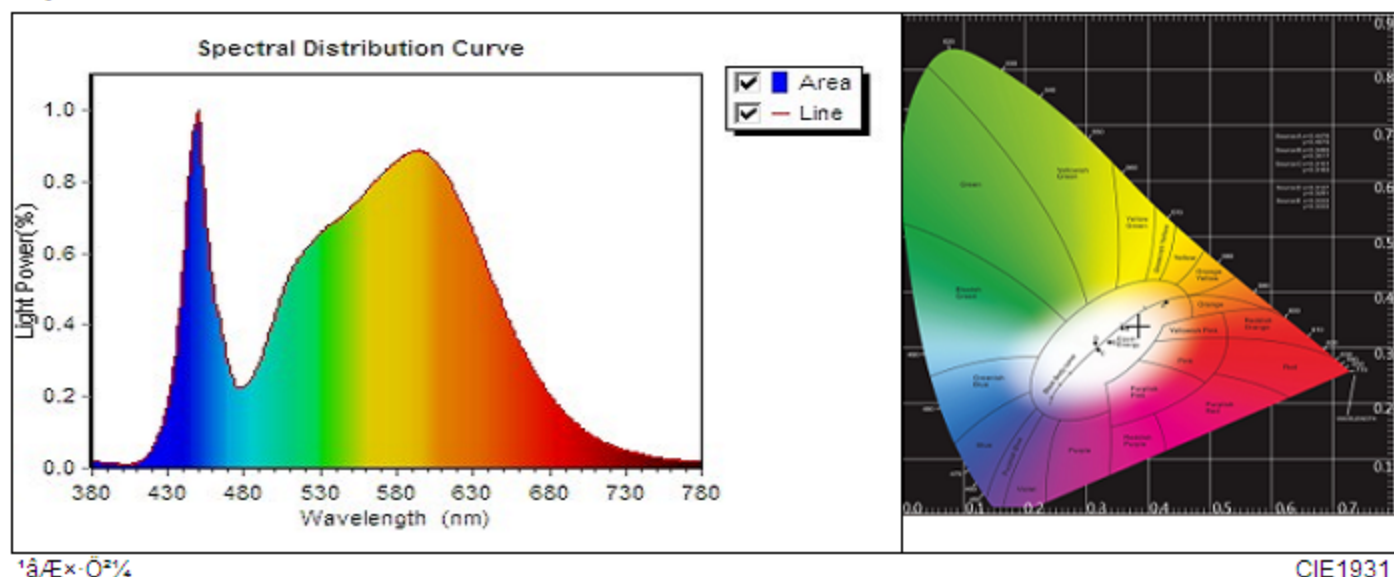
Test date. : 2023-05-08
Test equipment: SPEC2000A Spectrometer
Operator. : ZYQ20221208-01

Test Condition

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

Humidity : 65%
Peak AD. : 56312 (85.9%)
Integral time. : 76ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3786$ $y=0.3782$ $u=0.2233$ $v=0.3346$ ($duv=0.0012$)
Color temperature: $TC=4062$ K Color difference: $SDCM=0.7$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.174$
Peak wavelength: $\lambda_p=448.5$ nm FWHM: $\Delta\lambda_p=21.3$ nm Color ratio: $R=19.41\%$ $G=77.57\%$ $B=3.02\%$

Color rendering index (Ra): $Ra=82$

$R1=80.2$ $R2=87.0$ $R3=92.7$ $R4=82.2$ $R5=80.4$ $R6=82.2$ $R7=86.3$ $R8=64.7$
 $R9=5.8$ $R10=69.5$ $R11=81.3$ $R12=61.2$ $R13=82.2$ $R14=96.0$ $R15=74.1$

Optical Parameter

Luminous flux: 4839.282 lm luminous efficiency: 110.99 lm/w Radiant flux: 14.7023 W

Electrical Parameter

Voltage: 230.4 V Current: 0.195 A Watte: 43.60 W Power factor: 0.968

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