



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL LED
Product No. : B5236-BN
Manufacturer : 17DP22BLED001

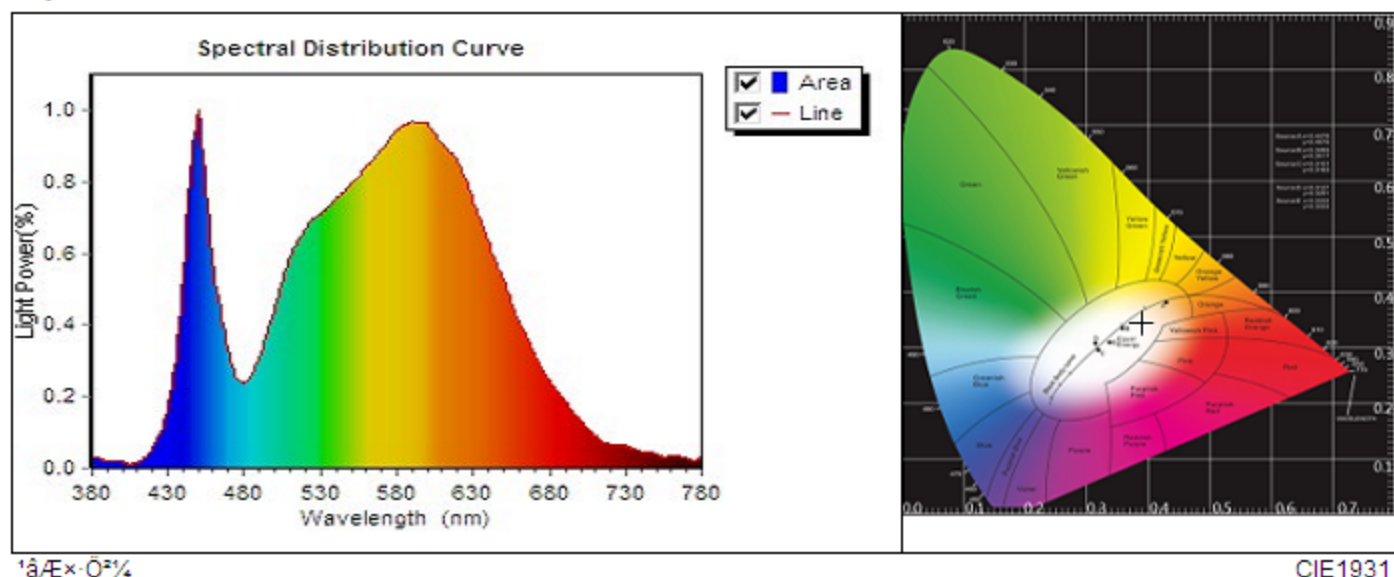
Test date. : 2022-08-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 45473 (69.4%)
Integral time. : 96ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3843$ $y=0.3839$ $u=0.2248$ $v=0.3368$ ($duv=0.0022$)
Color temperature: $TC=3949$ K Color difference: $SDCM=2.0$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\Delta\lambda_p=22.8$ nm Color ratio: $R=19.75\%$ $G=77.34\%$ $B=2.91\%$

Color rendering index (Ra): $Ra=82.5$

$R1=80.5$ $R2=87.3$ $R3=93.2$ $R4=82.5$ $R5=80.6$ $R6=82.7$ $R7=87.0$ $R8=65.7$
 $R9=9.4$ $R10=70.3$ $R11=81.6$ $R12=60.8$ $R13=82.6$ $R14=96.2$ $R15=74.5$

Optical Parameter

Luminous flux: 2886.794 lm luminous efficiency: 62.48 lm/w Radiant flux: 8.7803 W

Electrical Parameter

Voltage: 230.5 V Current: 0.207 A Watts: 46.20 W Power factor: 0.968

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