



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : ESTANCA
Product No. : B8400-120BN
Manufacturer : BLED

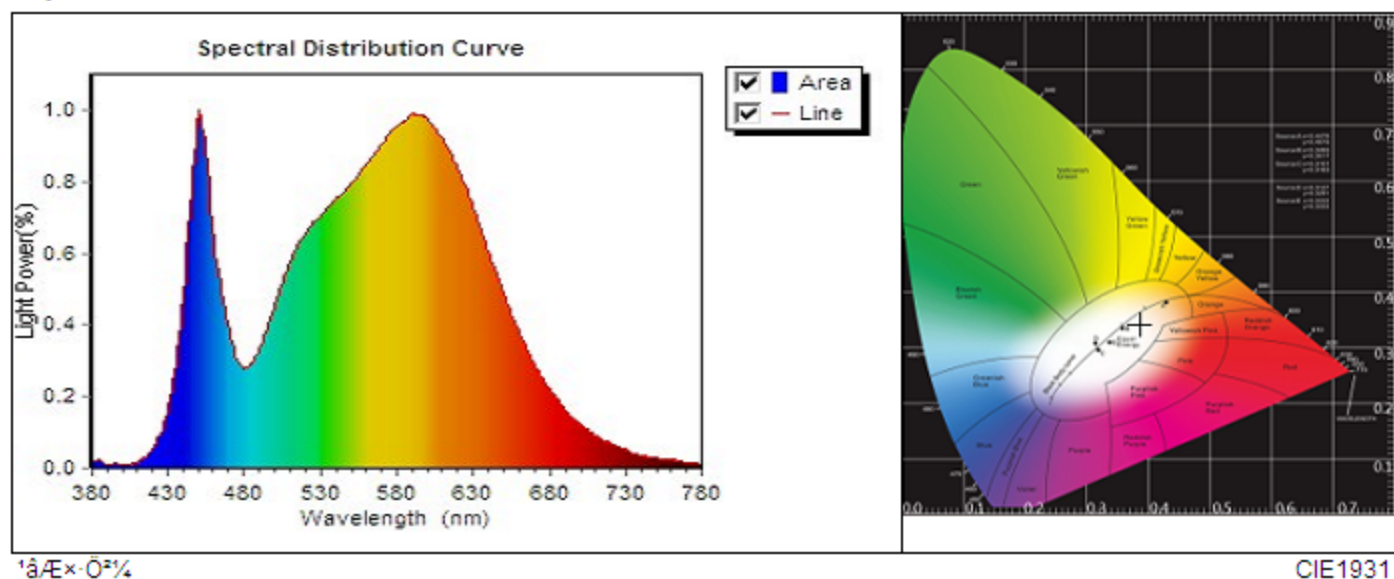
Test date. : 2019-07-23
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 36129 (55.1%)
Integral time. : 42ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3819$ $y=0.3816$ $u=0.2241$ $v=0.3360$ ($duv=0.0019$)
Color temperature: $TC=3998$ K Color difference: $SDCM=0.9$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.164$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=24.6$ nm Color ratio: $R=19.53\%$ $G=77.32\%$ $B=3.15\%$

Color rendering index (Ra): $Ra=81.9$

$R1=79.7$ $R2=87.9$ $R3=94.4$ $R4=80.8$ $R5=79.8$ $R6=83.3$ $R7=85.9$ $R8=62.9$
 $R9=3.0$ $R10=71.5$ $R11=79.5$ $R12=60.3$ $R13=82.3$ $R14=97.0$ $R15=73.3$

Optical Parameter

Luminous flux: 4739.435 lm luminous efficiency: 115.88 lm/w Radiant flux: 14.2611 W

Electrical Parameter

Voltage: 230.8 V Current: 0.182 A Watts: 40.90 W Power factor: 0.971

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