



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BATHROOM LED LIGHT
Product No. : LE204-N-BN
Manufacturer : BLED

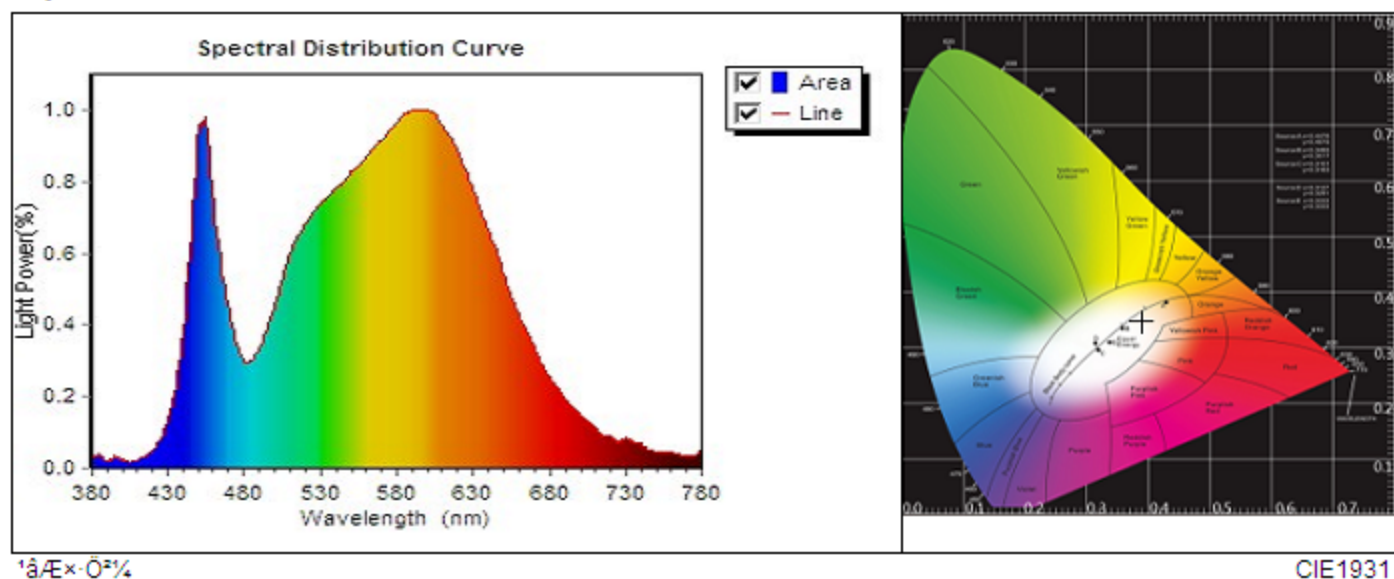
Test date. : 2023-04-19
Test equipment : SPEC2000A Spectrometer
Operator. : YJ22X073

Test Condition

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

Humidity : 65%
Peak AD. : 31531 (48.1%)
Integral time. : 520ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3848$ $y=0.3852$ $u=0.2246$ $v=0.3373$ ($duv=0.0027$)
Color temperature: $TC=3947$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=486.08$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=596.1$ nm FWHM: $\Delta\lambda_p=150.3$ nm Color ratio: $R=19.91\%$ $G=76.93\%$ $B=3.16\%$

Color rendering index (Ra): $Ra=83.4$

$R1=81.5$ $R2=89.1$ $R3=94.9$ $R4=82.1$ $R5=81.1$ $R6=84.7$ $R7=87.3$ $R8=65.9$
 $R9=11.6$ $R10=73.7$ $R11=80.8$ $R12=59.8$ $R13=84.1$ $R14=97.2$ $R15=75.5$

Optical Parameter

Luminous flux: 364.435 lm luminous efficiency: 71.46 lm/w Radiant flux: 1.1167 W

Electrical Parameter

Voltage: 230.6 V Current: 0.029 A Watts: 5.10 W Power factor: 0.757

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