



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

Spectral test report for lamp

Product type : LED LIGHT
Product No. : LE214-BN
Manufacturer : BLED

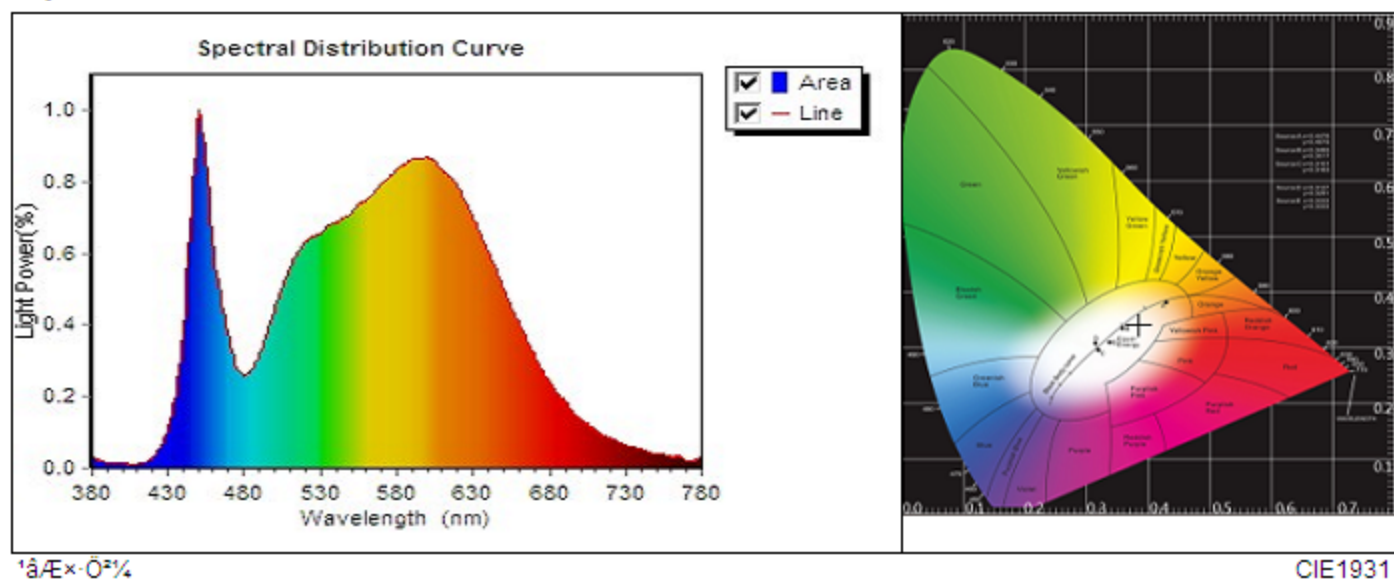
Test date. : 2022-10-07
Test equipment: SPEC2000A Spectrometer
Operator. : YJ21X032

Test Condition

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

Humidity : 65%
Peak AD. : 53216 (81.2%)
Integral time. : 452ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3801$ $y=0.3802$ $u=0.2235$ $v=0.3354$ ($duv=0.0017$)
Color temperature: $TC=4035$ K Color difference: $SDCM=0.1$ Main Wavelength: $\lambda_d=485.08$ nm Purity: $Purity=0.169$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=21.2$ nm Color ratio: $R=19.97\%$ $G=76.75\%$ $B=3.28\%$

Color rendering index (Ra): $Ra=85.6$

$R1=84.3$ $R2=90.3$ $R3=95.0$ $R4=85.4$ $R5=84.1$ $R6=86.4$ $R7=88.7$ $R8=70.4$
 $R9=22.5$ $R10=76.9$ $R11=85.2$ $R12=62.8$ $R13=86.5$ $R14=97.3$ $R15=78.8$

Optical Parameter

Luminous flux: 718.132 lm Luminous efficiency: 95.75 lm/w Radiant flux: 2.237 W

Electrical Parameter

Voltage: 230.4 V Current: 0.057 A Watts: 7.50 W Power factor: 0.566

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