



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

Spectral test report for lamp

Product type : TIRA
Product No. : B1541-5630BN
Manufacturer : BLED

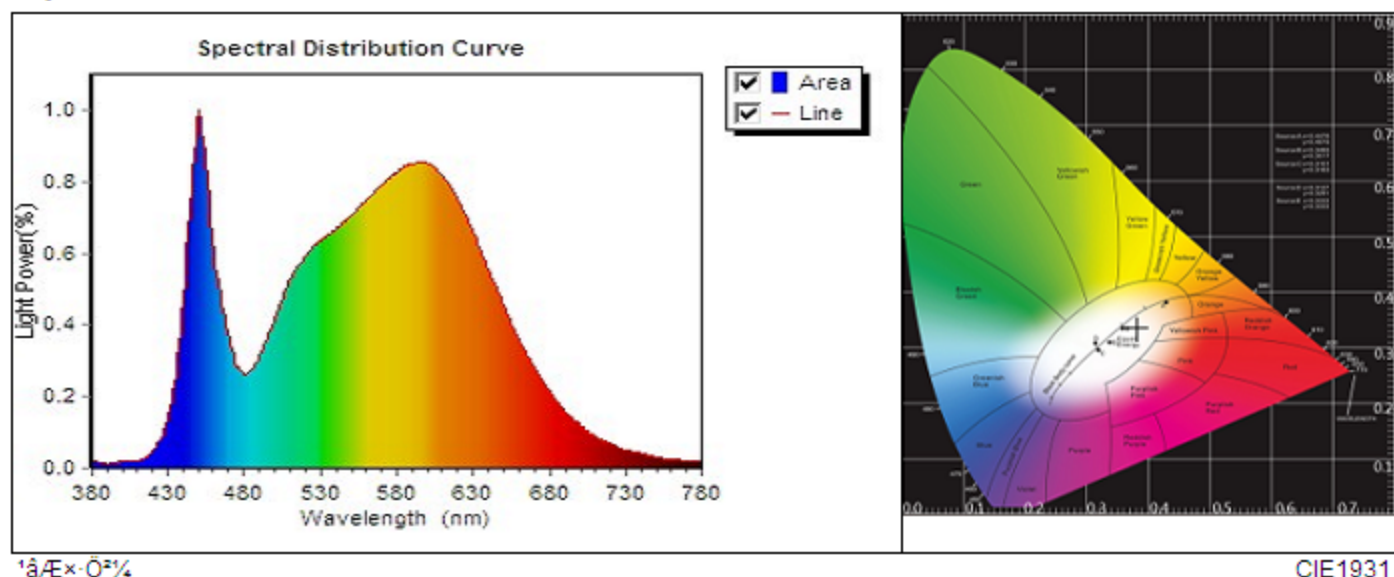
Test date. : 2019-06-10
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 50153 (76.5%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3759$ $y=0.3736$ $u=0.2234$ $v=0.3330$ ($duv=-0.0001$)
Color temperature: $TC=4104$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=484.09$ nm Purity: $Purity=0.182$
Peak wavelength: $\lambda_p=450.5$ nm FWHM: $\Delta\lambda_p=23.5$ nm Color ratio: $R=19.67\%$ $G=76.98\%$ $B=3.36\%$

Color rendering index (Ra): $Ra=84$

$R1=82.7$ $R2=89.5$ $R3=94.2$ $R4=83.4$ $R5=82.6$ $R6=84.9$ $R7=87.2$ $R8=67.6$
 $R9=15.0$ $R10=74.5$ $R11=82.4$ $R12=62.5$ $R13=84.9$ $R14=96.8$ $R15=77.4$

Optical Parameter

Luminous flux: 138.447 lm luminous efficiency: 114.23 lm/w Radiant flux: 0.4283 W

Electrical Parameter

Voltage: 12.0 V Current: 0.101 A Watto: 1.212 W Power factor: 1.000

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