



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED IP67
Product No. : B1553BN - medida corte 10cm
Manufacturer : BLED

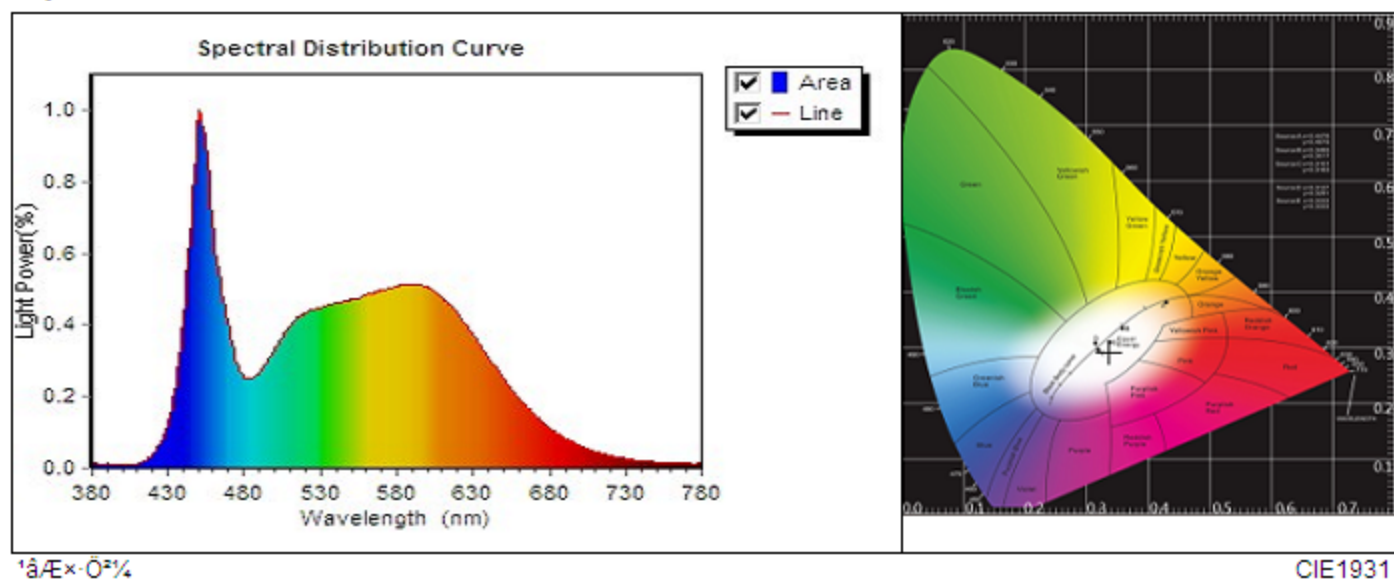
Test date. : 2022-02-14
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 58617 (89.4%)
Integral time. : 39ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3324$ $y=0.3344$ $u=0.2095$ $v=0.3161$ ($duv=-0.0035$)
Color temperature: $TC=5500$ K Color difference: $SDCM=7.0$ Main Wavelength: $\lambda_d=482.09$ nm Purity: $Purity=0.308$
Peak wavelength: $\lambda_p=451.4$ nm FWHM: $\Delta\lambda_p=23.4$ nm Color ratio: $R=17.33\%$ $G=77.78\%$ $B=4.89\%$

Color rendering index (Ra): $Ra=88$

$R1=88.8$ $R2=92.8$ $R3=93.4$ $R4=88.6$ $R5=89.0$ $R6=87.5$ $R7=88.3$ $R8=75.5$
 $R9=32.4$ $R10=81.6$ $R11=88.9$ $R12=68.7$ $R13=90.4$ $R14=96.6$ $R15=86.0$

Optical Parameter

Luminous flux: 153.675 lm luminous efficiency: 101.64 lm/w Radiant flux: 0.5054 W

Electrical Parameter

Voltage: 24.0 V Current: 0.063 A Watto: 1.512 W Power factor: 1.000

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