



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

Spectral test report for lamp

Product type : TIRALED IP67
Product No. : B1553BF - medida corte 10cm
Manufacturer : BLED

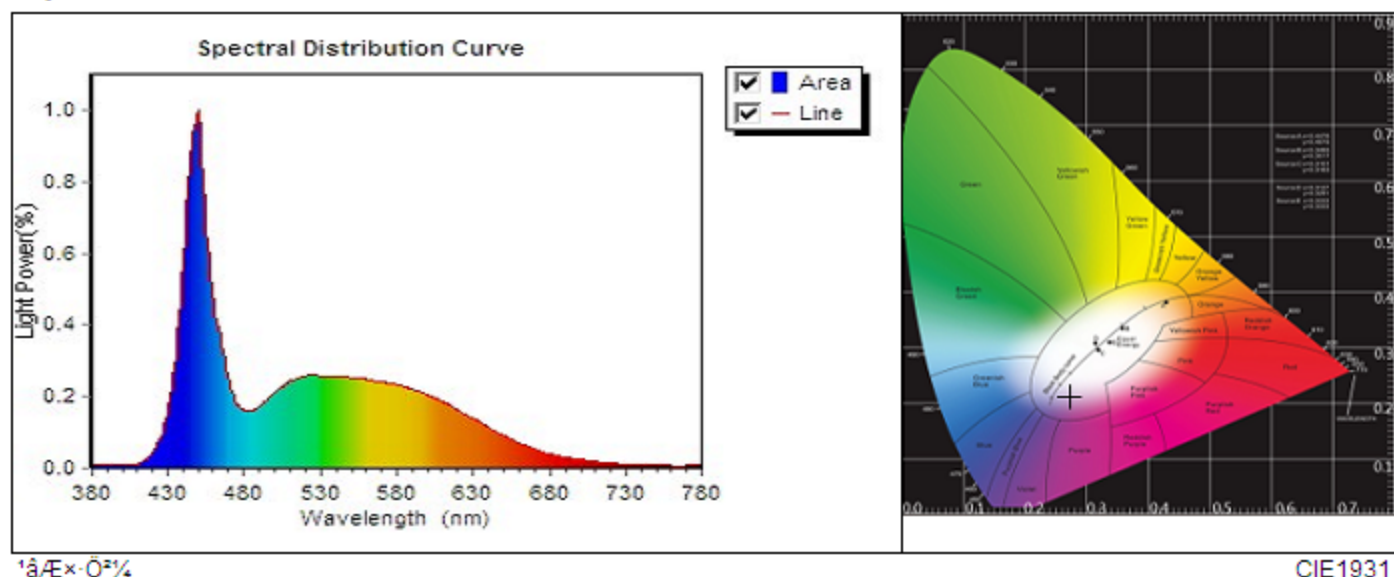
Test date. : 2022-02-14
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51695 (78.9%)
Integral time. : 19ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2687$ $y=0.2608$ $u=0.1922$ $v=0.2798$ ($duv=-0.0070$)
Color temperature: $TC=15090$ K Color difference: $SDCM=31.6$ Main Wavelength: $\lambda_d=479.02$ nm Purity: Purity=0.51
Peak wavelength: $\lambda_p=448.5$ nm FWHM: $\lambda_p=20.3$ nm Color ratio: $R=13.16\%$ $G=79.76\%$ $B=7.09\%$

Color rendering index (Ra): $Ra=86.8$

$R1=89.3$ $R2=87.0$ $R3=79.8$ $R4=93.4$ $R5=88.3$ $R6=78.1$ $R7=90.7$ $R8=87.4$
 $R9=51.1$ $R10=65.7$ $R11=93.7$ $R12=53.6$ $R13=88.4$ $R14=88.8$ $R15=92.4$

Optical Parameter

Luminous flux: 147.449 lm luminous efficiency: 100.72 lm/w Radiant flux: 0.5674 W

Electrical Parameter

Voltage: 24.0 V Current: 0.061 A Watto: 1.464 W Power factor: 1.000

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