



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. : B1553BC - medida corte 10cm
Manufacturer : BLED

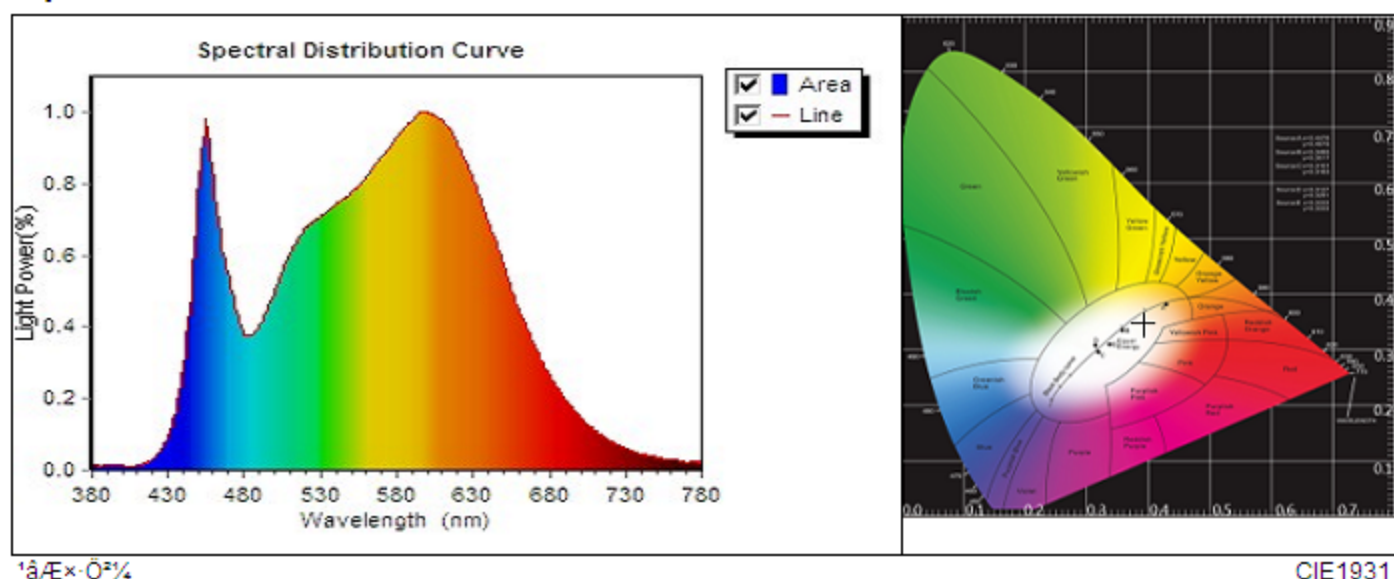
Test date. : 2022-02-14
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 45721 (69.8%)
Integral time. : 39ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3871$ $y=0.3847$ $u=0.2263$ $v=0.3374$ ($duv=0.0018$)
Color temperature: $TC=3885$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=485.01$ nm Purity: $Purity=0.15$
Peak wavelength: $\lambda_p=597.0$ nm FWHM: $\Delta\lambda_p=155.9$ nm Color ratio: $R=20.76\%$ $G=75.61\%$ $B=3.63\%$

Color rendering index (Ra): $Ra=87$

$R1=86.3$ $R2=93.8$ $R3=97.1$ $R4=84.9$ $R5=85.8$ $R6=91.1$ $R7=87.2$ $R8=69.4$
 $R9=24.9$ $R10=84.5$ $R11=85.0$ $R12=66.8$ $R13=89.2$ $R14=99.0$ $R15=80.1$

Optical Parameter

Luminous flux: 164.186 lm luminous efficiency: 106.89 lm/w Radiant flux: 0.5088 W

Electrical Parameter

Voltage: 24.0 V Current: 0.064 A Watto: 1.536 W Power factor: 1.000

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