



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

Spectral test report for lamp

Product type : TIRALEO
Product No. : BLS5050-48V15W-IP20-20M-RBGCCT (G) (16
Manufacturer : BLED

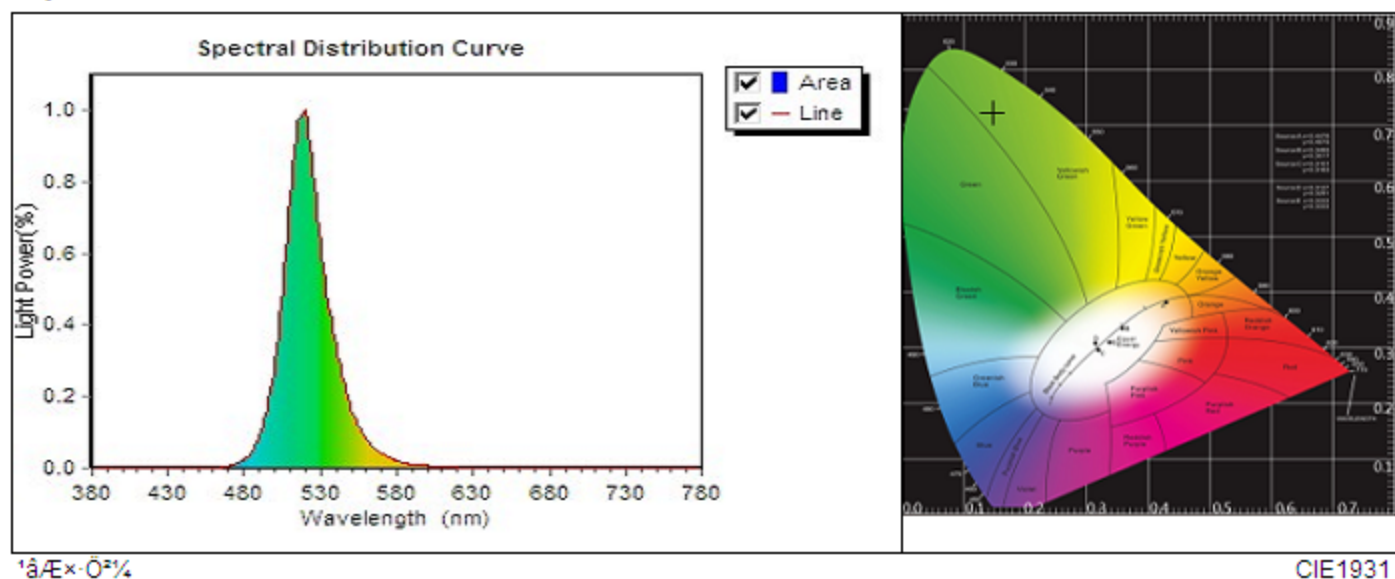
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 53336 (81.4%)
Integral time. : 47ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1469$ $y=0.7339$ $u=0.0510$ $v=0.3825$ ($duv=0.1649$)
Color temperature: $TC=8162$ K Color difference: $SDCM=299.2$ Main Wavelength: $\lambda_d=504.06$ nm Purity: $Purity=0.891$
Peak wavelength: $\lambda_p=518.3$ nm FWHM: $\lambda_p=28.8$ nm Color ratio: $R=0.28\%$ $G=98.16\%$ $B=1.56\%$

Color rendering index (Ra): $Ra=28.8$

$R1=-36.2$ $R2=-13.7$ $R3=-33.1$ $R4=-68.0$ $R5=-10.0$ $R6=-22.1$ $R7=-13.5$ $R8=-34.3$
 $R9=-357.5$ $R10=-119.0$ $R11=-97.6$ $R12=-39.0$ $R13=-41.9$ $R14=33.7$ $R15=-32.6$

Optical Parameter

Luminous flux: 50.023 lm Luminous efficiency: 74.44 lm/w Radiant flux: 0.1064 W

Electrical Parameter

Voltage: 48.0 V Current: 0.014 A Watto: 0.672 W Power factor: 1.000

MEASUREFINE

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