



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V15W-IP20-20M-RBGCCT (BF) (1)
Manufacturer : BLED

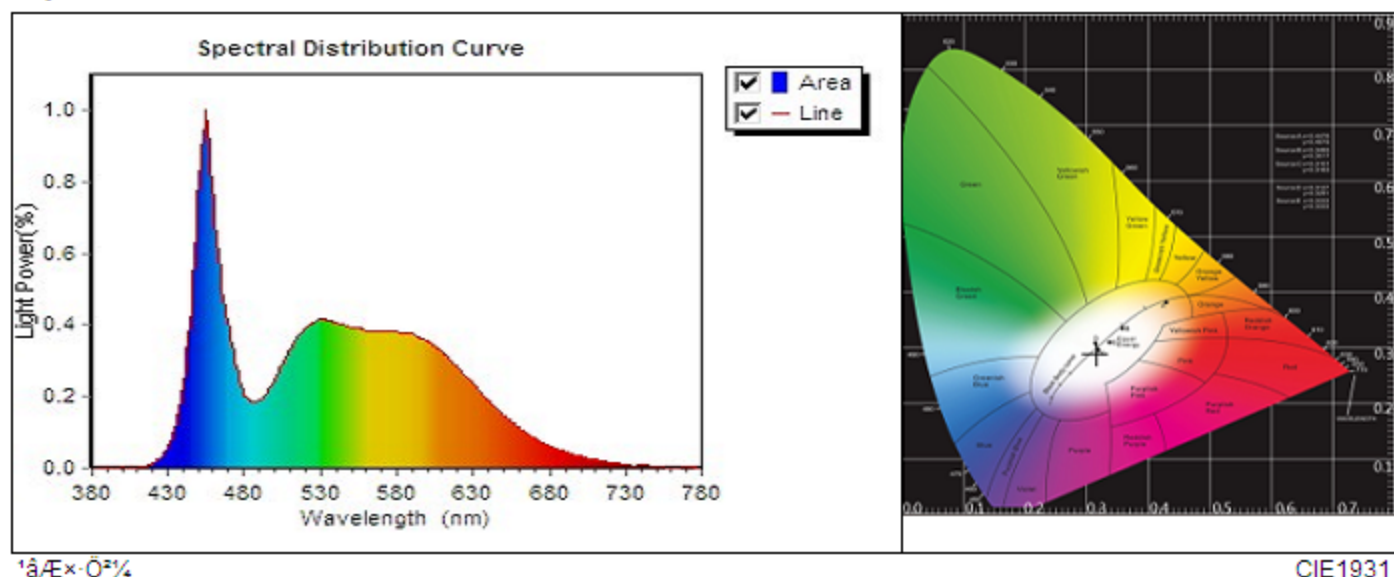
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44569 (68.0%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3103$ $y=0.3314$ $u=0.1953$ $v=0.3128$ ($duv=0.0056$)
Color temperature: $TC=6618$ K Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=483.06$ nm Purity: $Purity=0.358$
Peak wavelength: $\lambda_p=454.6$ nm FWHM: $\Delta\lambda_p=19.2$ nm Color ratio: $R=14.55\%$ $G=80.20\%$ $B=5.25\%$

Color rendering index (Ra): $Ra=83.6$

$R1=82.5$ $R2=89.3$ $R3=91.6$ $R4=82.0$ $R5=81.6$ $R6=83.1$ $R7=88.4$ $R8=69.7$
 $R9=7.8$ $R10=72.3$ $R11=81.3$ $R12=51.1$ $R13=86.0$ $R14=95.7$ $R15=77.5$

Optical Parameter

Luminous flux: 84.555 lm Luminous efficiency: 110.1 lm/w Radiant flux: 0.2687 W

Electrical Parameter

Voltage: 48.0 V Current: 0.016 A Watto: 0.768 W Power factor: 1.000

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