



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

Spectral test report for lamp

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

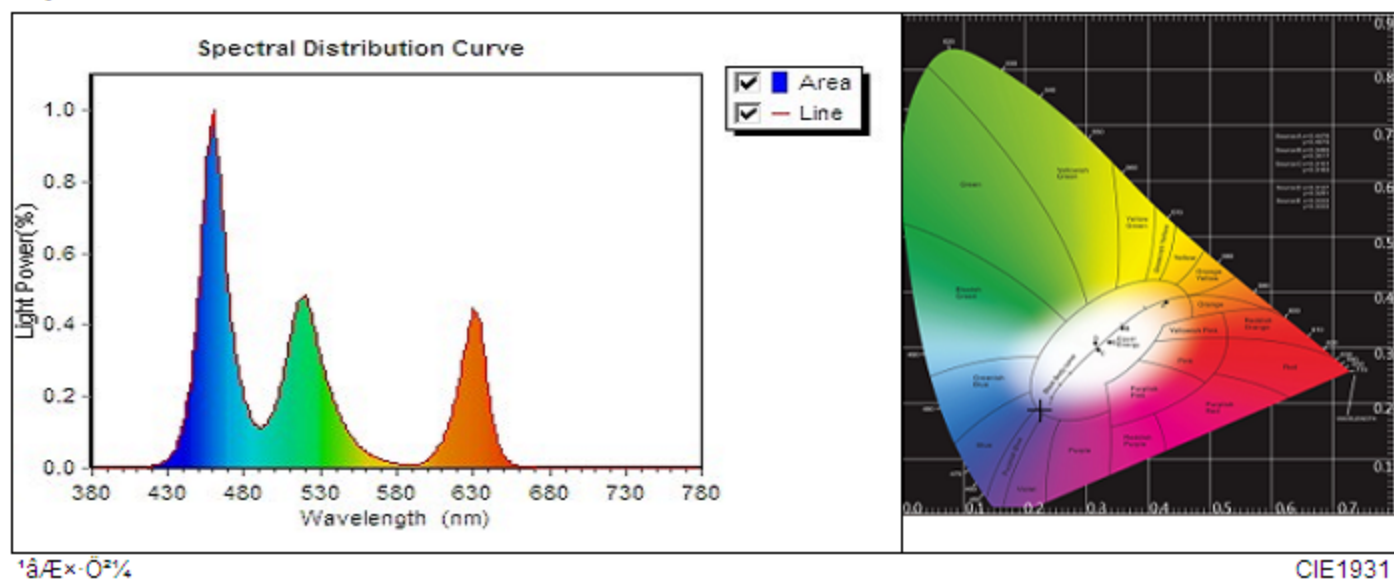
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 55104 (84.1%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2215$ $y=0.2378$ $u=0.1638$ $v=0.2637$ ($duv=-0.0204$)
Color temperature: $TC=100000$ K Color difference: $SDCM=61.9$ Main Wavelength: $\lambda_d=480.02$ nm Purity: $Purity=0.628$
Peak wavelength: $\lambda_p=459.3$ nm FWHM: $\Delta\lambda_p=19.0$ nm Color ratio: $R=17.74\%$ $G=71.18\%$ $B=11.08\%$

Color rendering index (Ra): $Ra=66.4$

$R1=58.2$ $R2=75.3$ $R3=77.9$ $R4=74.4$ $R5=75.7$ $R6=73.6$ $R7=67.6$ $R8=28.0$
 $R9=-146.5$ $R10=39.7$ $R11=51.6$ $R12=61.4$ $R13=54.5$ $R14=83.3$ $R15=38.5$

Optical Parameter

Luminous flux: 74.05 lm Luminous efficiency: 44.08 lm/w Radiant flux: 0.3355 W

Electrical Parameter

Voltage: 48.0 V Current: 0.035 A Watto: 1.68 W Power factor: 1.000

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