



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-IP20-10M-RGBCCT (B) (16)
Manufacturer : BLED

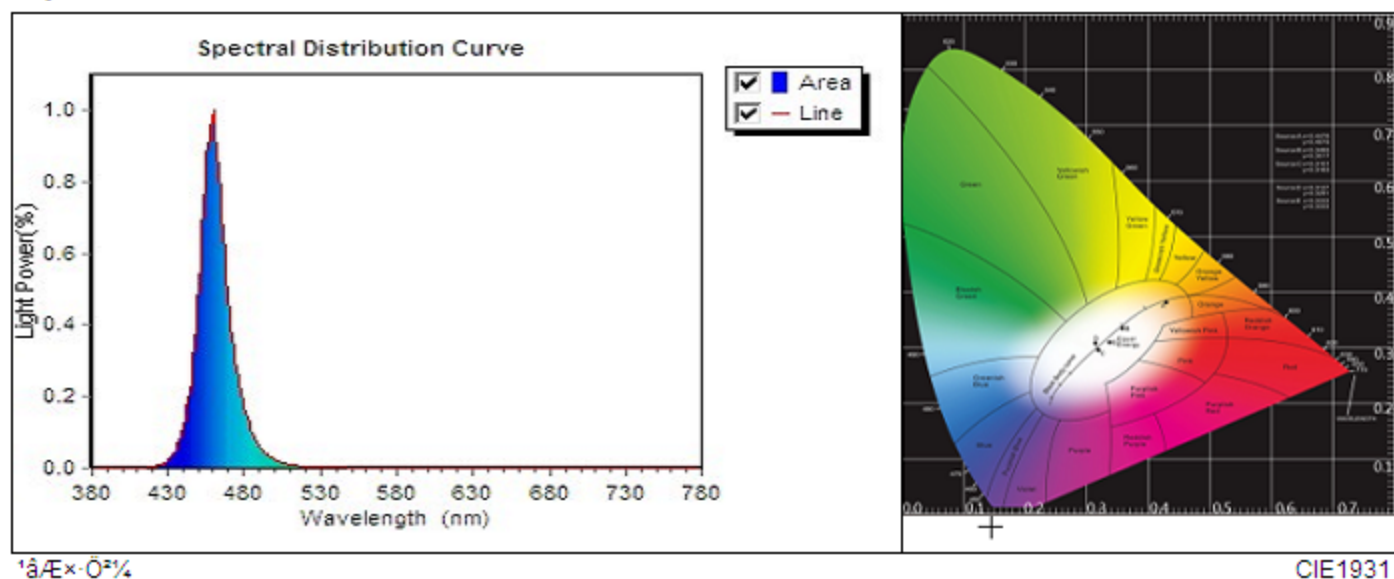
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52217 (79.7%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1426$ $y=0.0433$ $u=0.1763$ $v=0.0804$ ($duv=-0.1919$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.3$ Main Wavelength: $\lambda_d=472.03$ nm Purity: $Purity=1.005$
Peak wavelength: $\lambda_p=459.0$ nm FWHM: $\lambda_p=19.1$ nm Color ratio: $R=0.17\%$ $G=15.15\%$ $B=84.68\%$

Color rendering index (Ra): $Ra=-56.7$

$R1=-15.1$ $R2=-49.4$ $R3=-148.8$ $R4=-94.4$ $R5=4.3$ $R6=-55.5$ $R7=-53.5$ $R8=-41.4$
 $R9=-287.7$ $R10=-234.7$ $R11=-122.1$ $R12=-105.3$ $R13=-36.0$ $R14=-34.1$ $R15=-2.0$

Optical Parameter

Luminous flux: 7.89 lm luminous efficiency: 13.7 lm/w Radiant flux: 0.1452 W

Electrical Parameter

Voltage: 48.0 V Current: 0.012 A Watto: 0.576 W Power factor: 1.000

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