



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

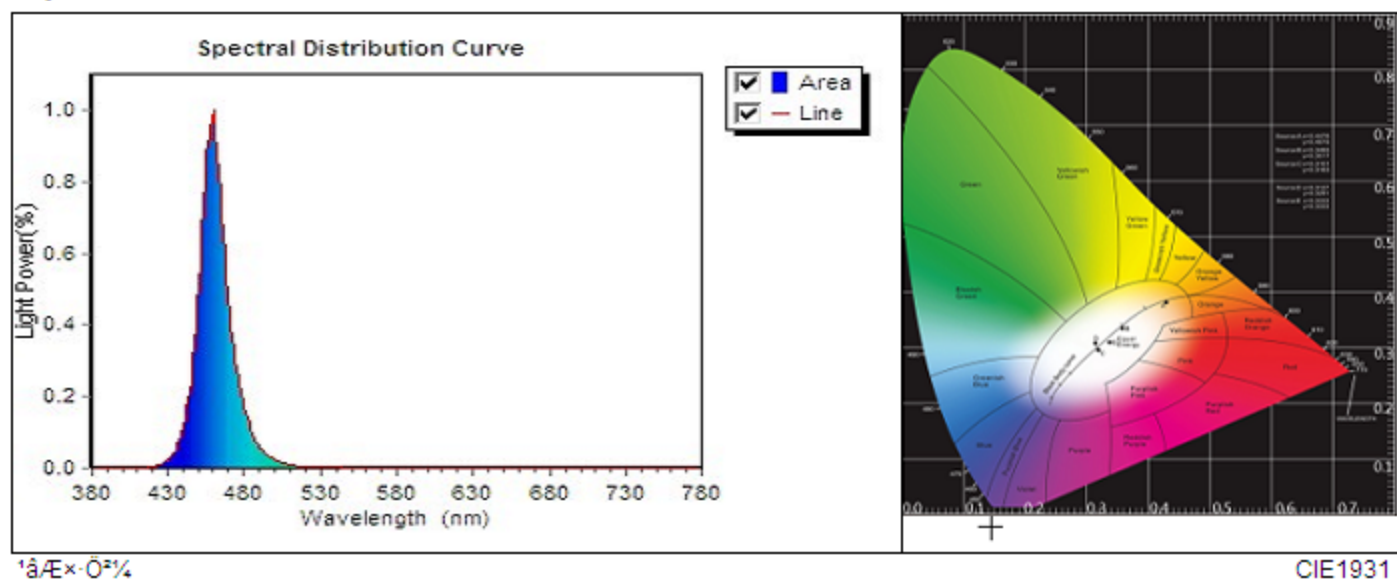
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52813 (80.6%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1428$ $y=0.0431$ $u=0.1768$ $v=0.0800$ ($duv=-0.1922$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.2$ Main Wavelength: $\lambda_d=472.04$ nm Purity: $Purity=1.005$
Peak wavelength: $\lambda_p=459.0$ nm FWHM: $\Delta\lambda_p=19.1$ nm Color ratio: $R=0.38\%$ $G=14.74\%$ $B=84.88\%$

Color rendering index (Ra): $Ra=-56.5$

$R1=-13.1$ $R2=-49.4$ $R3=-150.4$ $R4=-94.1$ $R5=5.7$ $R6=-55.3$ $R7=-54.2$ $R8=-41.5$
 $R9=-282.2$ $R10=-235.5$ $R11=-121.0$ $R12=-105.4$ $R13=-34.4$ $R14=-34.8$ $R15=-0.8$

Optical Parameter

Luminous flux: 7.921 lm luminous efficiency: 15.0 lm/w Radiant flux: 0.1464 W

Electrical Parameter

Voltage: 48.0 V Current: 0.011 A Watto: 0.528 W Power factor: 1.000

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