



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V12W-SIDE-IP20-RGB (10CM)
Manufacturer : BLED

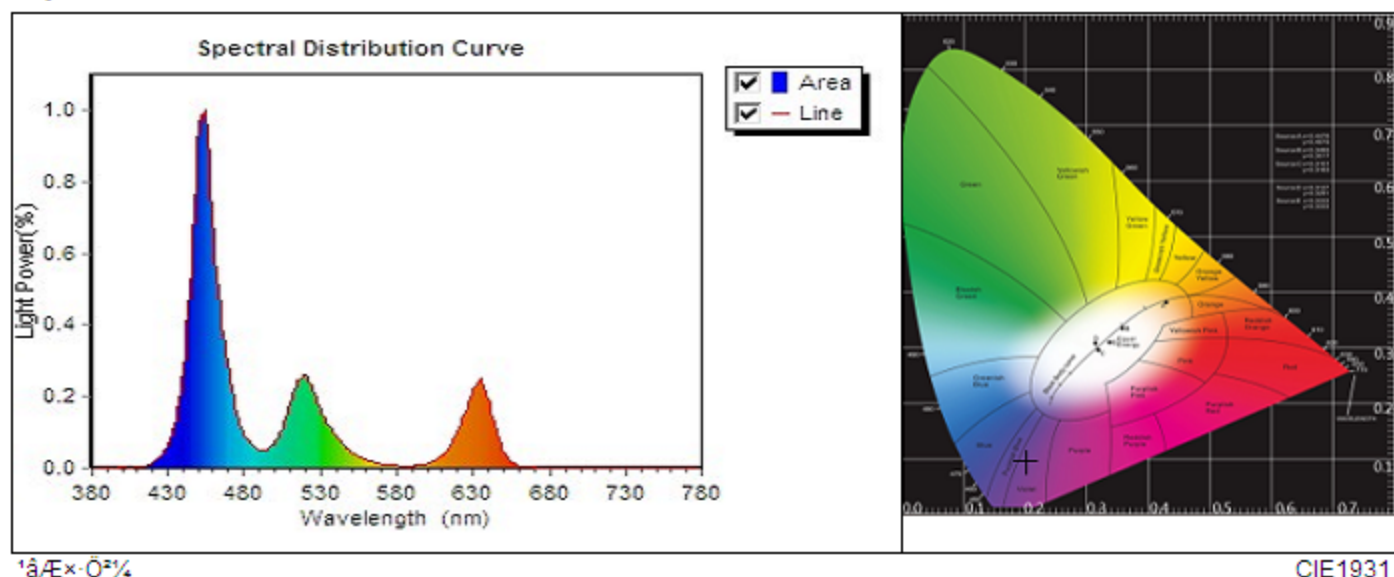
Test date. : 2024-07-31
Test equipment: SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 54753 (83.5%)
Integral time. : 43ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2002$ $y=0.1521$ $u=0.1810$ $v=0.2062$ ($duv=-0.0660$)
Color temperature: $TC=100000$ K Color difference: $SDCM=81.6$ Main Wavelength: $\lambda_d=475.06$ nm Purity: $Purity=0.763$
Peak wavelength: $\lambda_p=452.9$ nm FWHM: $\Delta\lambda_p=18.7$ nm Color ratio: $R=17.79\%$ $G=67.54\%$ $B=14.67\%$

Color rendering index (Ra): $Ra=62.8$

$R1=52.2$ $R2=57.1$ $R3=68.2$ $R4=85.9$ $R5=68.8$ $R6=57.1$ $R7=75.1$ $R8=37.3$
 $R9=-169.3$ $R10=-5.7$ $R11=54.3$ $R12=62.4$ $R13=43.2$ $R14=82.0$ $R15=25.9$

Optical Parameter

Luminous flux: 23.125 lm Luminous efficiency: 15.29 lm/w Radiant flux: 0.1436 W

Electrical Parameter

Voltage: 24.0 V Current: 0.063 A Watto: 1.512 W Power factor: 1.000

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