



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V12W-SIDE-IC-IP20-RGB (B)
Manufacturer : BARCELONALED

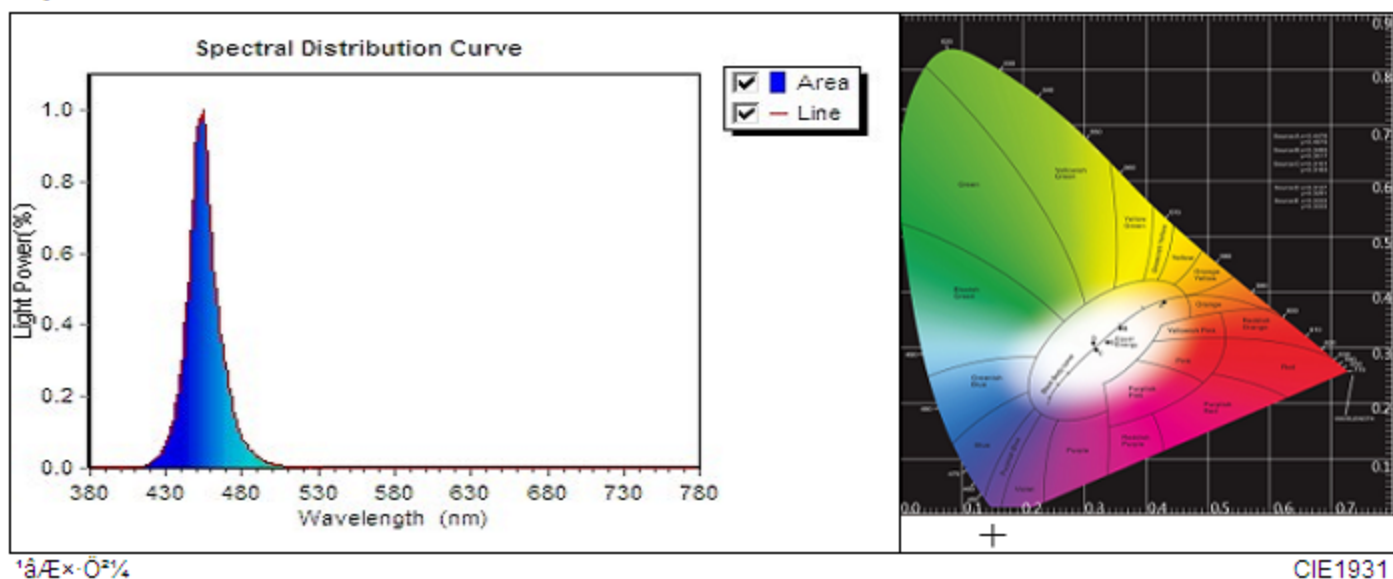
Test date. : 2024-08-01
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 51539 (78.6%)
Integral time. : 33ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1499$ $y=0.0306$ $u=0.1955$ $v=0.0599$ ($duv=-0.2127$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.9$ Main Wavelength: $\lambda_d=471.06$ nm Purity: $Purity=1.012$
Peak wavelength: $\lambda_p=453.1$ nm FWHM: $\Delta\lambda_p=17.5$ nm Color ratio: $R=0.48\%$ $G=11.19\%$ $B=88.32\%$

Color rendering index (Ra): $Ra=-62.2$

$R1=-14.9$ $R2=-57.6$ $R3=-162.1$ $R4=-99.9$ $R5=3.1$ $R6=-62.8$ $R7=-60.1$ $R8=-43.2$
 $R9=-276.0$ $R10=-255.4$ $R11=-126.8$ $R12=-123.0$ $R13=-39.9$ $R14=-39.5$ $R15=0.2$

Optical Parameter

Luminous flux: 191.459 lm luminous efficiency: lm/w Radiant flux: 4.727 W

Electrical Parameter

Voltage: 0.0 V Current: 0.000 A Watto: 0.00 W Power factor: 0.000

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