



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 (W)
Manufacturer : BARCELONALED

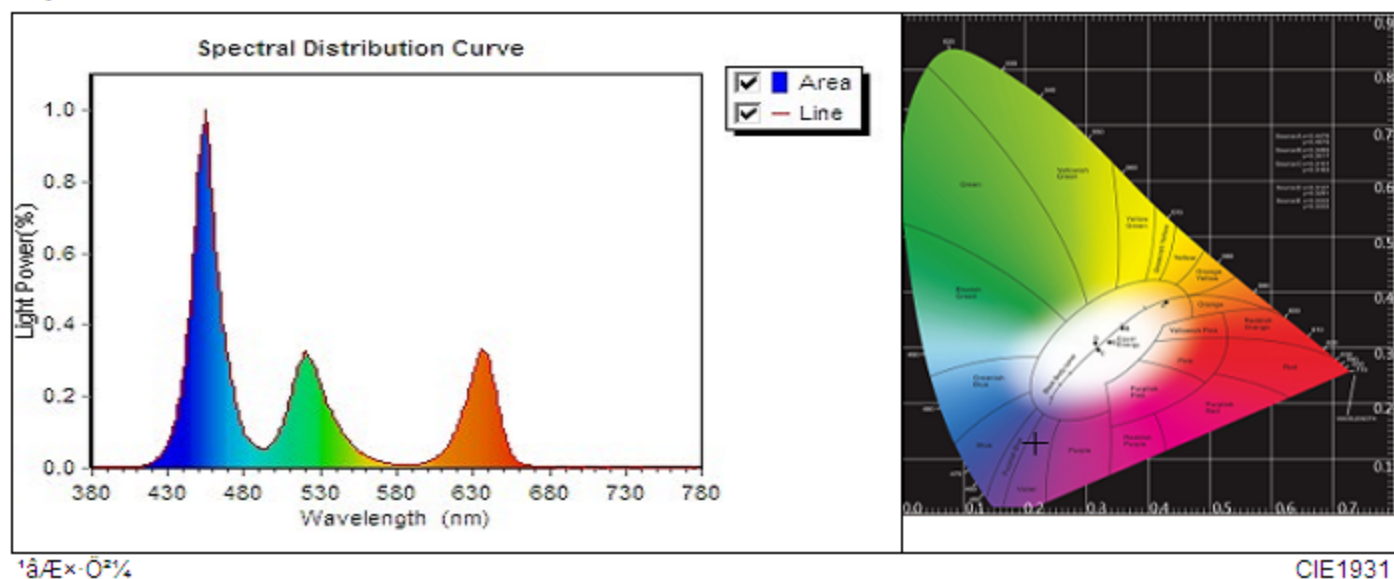
Test date. : 2024-08-01
Test equipment : SPEC2000A Spectrometer
Operator : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 52491 (80.1%)
Integral time. : 50ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2145$ $y=0.1833$ $u=0.1798$ $v=0.2305$ ($duv=-0.0417$)
Color temperature: $TC=100000$ K Color difference: $SDCM=72.4$ Main Wavelength: $\lambda_d=477.06$ nm Purity: $Purity=0.703$
Peak wavelength: $\lambda_p=454.0$ nm FWHM: $\Delta\lambda_p=17.8$ nm Color ratio: $R=18.21\%$ $G=70.02\%$ $B=11.77\%$

Color rendering index (Ra): $Ra=64.3$

$R1=49.9$ $R2=70.5$ $R3=87.7$ $R4=69.8$ $R5=67.8$ $R6=71.9$ $R7=75.9$ $R8=20.4$
 $R9=-195.4$ $R10=31.6$ $R11=44.8$ $R12=70.1$ $R13=48.1$ $R14=88.5$ $R15=23.3$

Optical Parameter

Luminous flux: 1093.179 lm luminous efficiency: lm/w Radiant flux: 6.0057 W

Electrical Parameter

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

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