



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V9W-SIDE-IP20-BC (10 CM)
Manufacturer : BLED

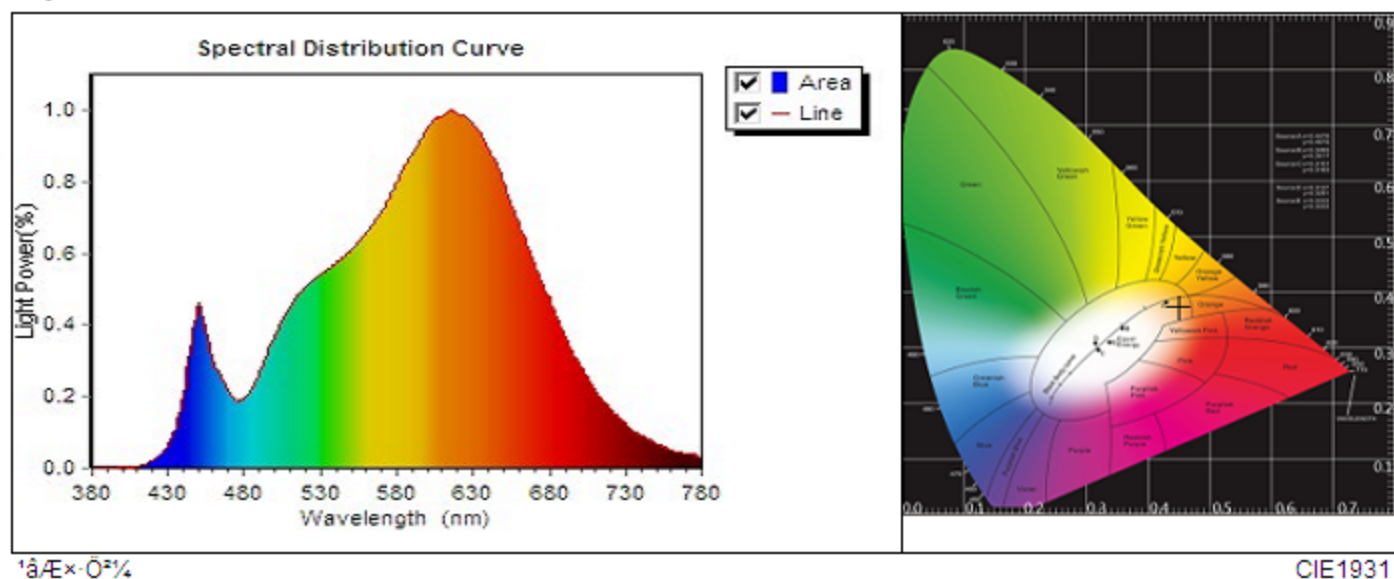
Test date. : 2024-07-31
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 41156 (62.8%)
Integral time. : 57ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4441$ $y=0.4093$ $u=0.2530$ $v=0.3497$ ($duv=0.0011$)
Color temperature: $TC=2924$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=497.02$ nm Purity: $Purity=0.009$
Peak wavelength: $\lambda_p=615.4$ nm FWHM: $\Delta\lambda_p=158.4$ nm Color ratio: $R=26.23\%$ $G=71.46\%$ $B=2.31\%$

Color rendering index (Ra): $Ra=91.8$

$R1=91.5$ $R2=95.4$ $R3=98.8$ $R4=92.6$ $R5=91.6$ $R6=95.3$ $R7=90.9$ $R8=78.0$
 $R9=49.9$ $R10=89.3$ $R11=94.5$ $R12=82.3$ $R13=93.1$ $R14=98.9$ $R15=86.0$

Optical Parameter

Luminous flux: 97.024 lm Luminous efficiency: 56.15 lm/w Radiant flux: 0.3271 W

Electrical Parameter

Voltage: 24.0 V Current: 0.072 A Watto: 1.728 W Power factor: 1.000

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