



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V11W-CUT-IP20-10M-BN (10 CM)
Manufacturer : BLED

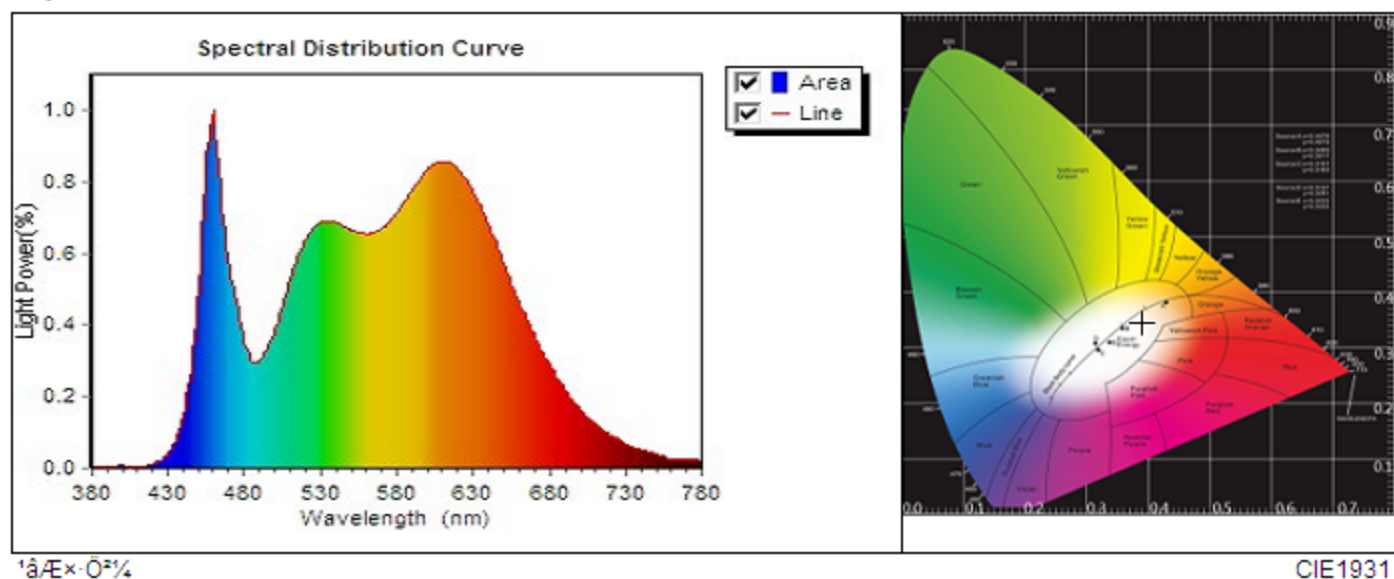
Test date. : 2024-07-31
Test equipment : SPEC2000A Spectrometer
Operator : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 31062 (47.4%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3858$ $y=0.3841$ $u=0.2257$ $v=0.3371$ ($duv=0.0019$)
Color temperature: $TC=3913$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=485.03$ nm Purity: $Purity=0.153$
Peak wavelength: $\lambda_p=459.1$ nm FWHM: $\Delta\lambda_p=23.0$ nm Color ratio: $R=21.88\%$ $G=74.38\%$ $B=3.74\%$

Color rendering index (Ra): $Ra=93.1$

$R1=95.2$ $R2=97.9$ $R3=97.9$ $R4=92.0$ $R5=92.2$ $R6=95.1$ $R7=91.2$ $R8=82.5$
 $R9=58.5$ $R10=91.8$ $R11=94.1$ $R12=65.6$ $R13=97.5$ $R14=98.0$ $R15=90.2$

Optical Parameter

Luminous flux: 104.506 lm Luminous efficiency: 63.11 lm/w Radiant flux: 0.3368 W

Electrical Parameter

Voltage: 24.0 V Current: 0.069 A Watto: 1.656 W Power factor: 1.000

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