



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

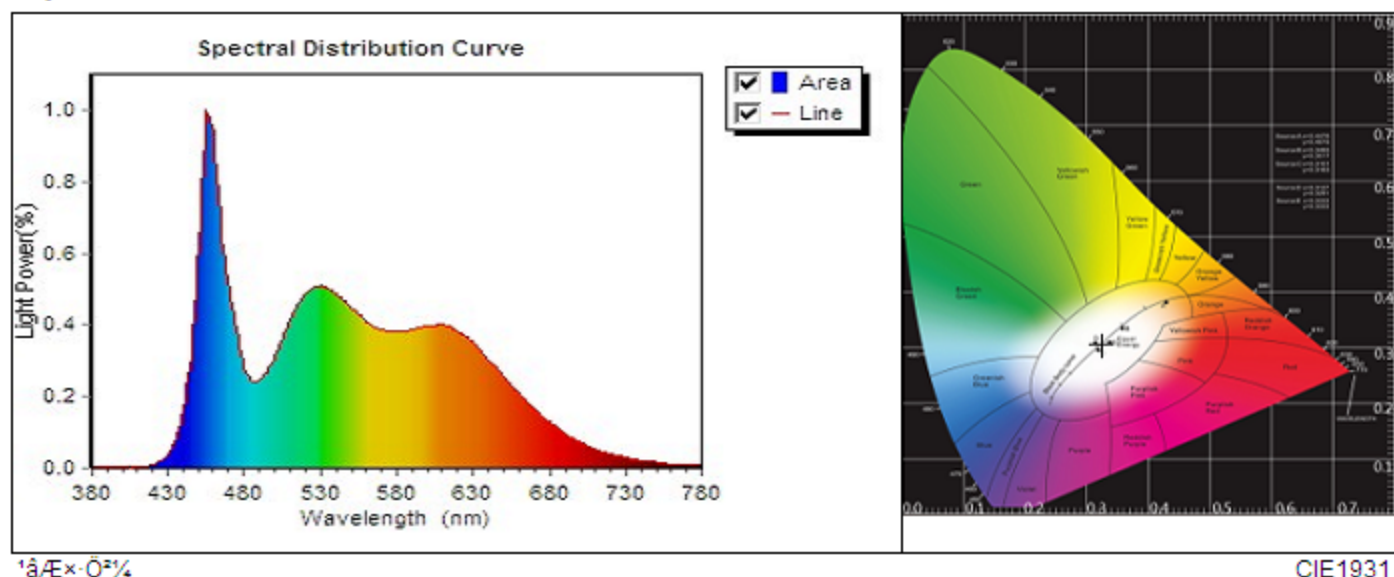
Test date. : 2024-07-31
Test equipment: SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 52201 (79.7%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3196$ $y=0.3468$ $u=0.1960$ $v=0.3190$ ($duv=0.0088$)
Color temperature: $TC=6066$ K Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.325$
Peak wavelength: $\lambda_p=456.9$ nm FWHM: $\Delta\lambda_p=20.7$ nm Color ratio: $R=16.48\%$ $G=78.09\%$ $B=5.43\%$

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

$R1=93.2$ $R2=95.6$ $R3=95.2$ $R4=90.0$ $R5=89.8$ $R6=91.8$ $R7=93.1$ $R8=85.2$
 $R9=60.1$ $R10=86.8$ $R11=90.6$ $R12=58.5$ $R13=95.2$ $R14=97.2$ $R15=89.1$

Optical Parameter

Luminous flux: 108.236 lm luminous efficiency: 65.36 lm/w Radiant flux: 0.3588 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>