



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : NWS0412-24V-10M-BC(5 CMS)
Manufacturer : BLED

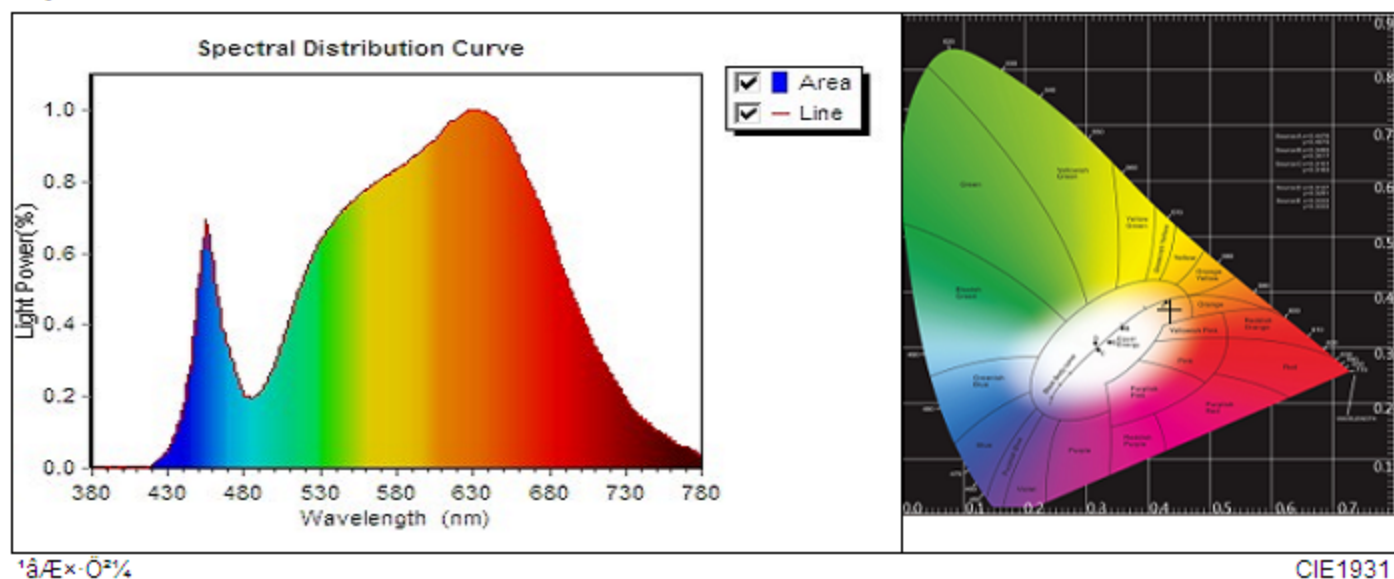
Test date. : 2024-04-29
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49317 (75.3%)
Integral time. : 187ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4293$ $y=0.4040$ $u=0.2457$ $v=0.3468$ ($duv=0.0011$)
Color temperature: $TC=3133K$ Color difference: $SDCM=7.0$ Main Wavelength: $\lambda_d=488.02nm$ Purity: $Purity=0.044$
Peak wavelength: $\lambda_p=630.4 nm$ FWHM: $\Delta\lambda_p=177.8 nm$ Color ratio: $R=24.46\%$ $G=73.23\%$ $B=2.31\%$

Color rendering index (Ra): $Ra=90.6$

$R1=91.0$ $R2=92.5$ $R3=91.0$ $R4=90.4$ $R5=88.6$ $R6=87.5$ $R7=95.8$ $R8=87.8$
 $R9=68.8$ $R10=79.6$ $R11=87.7$ $R12=64.0$ $R13=91.2$ $R14=94.0$ $R15=90.3$

Optical Parameter

Luminous flux: $35.862 lm$ Luminous efficiency: $74.71 lm/w$ Radiant flux: $0.1282 W$

Electrical Parameter

Voltage: $24.0 V$ Current: $0.020 A$ Watto: $0.48 W$ Power factor: 1.000

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