



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

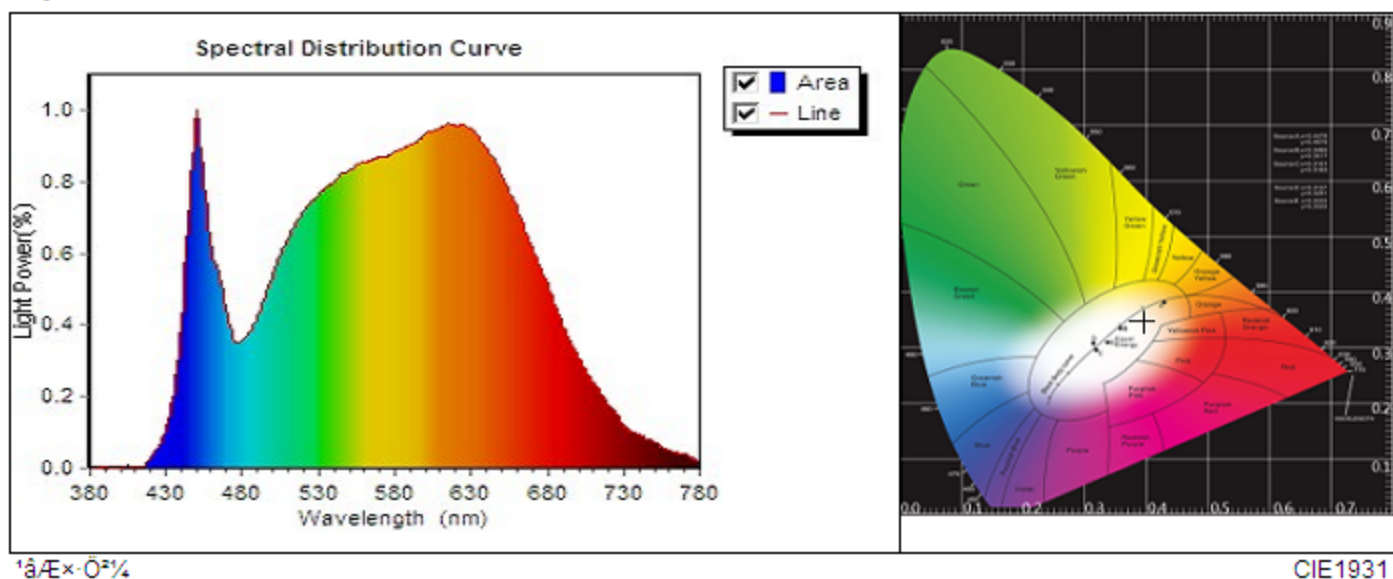
Test date. : 2024-04-29
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 31187 (47.6%)
Integral time. : 110ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3888$ $y=0.3862$ $u=0.2268$ $v=0.3379$ ($duv=0.0020$)
Color temperature: $TC=3852$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=486$ nm Purity: $Purity=0.146$
Peak wavelength: $\lambda_p=450.2$ nm FWHM: $\Delta\lambda_p=25.5$ nm Color ratio: $R=21.42\%$ $G=75.15\%$ $B=3.43\%$

Color rendering index (Ra): $Ra=92.6$

$R1=92.6$ $R2=94.3$ $R3=94.5$ $R4=93.1$ $R5=91.5$ $R6=91.1$ $R7=95.7$ $R8=87.6$
 $R9=67.0$ $R10=85.4$ $R11=92.7$ $R12=70.9$ $R13=93.2$ $R14=96.5$ $R15=90.5$

Optical Parameter

Luminous flux: 39.663 lm Luminous efficiency: 82.63 lm/w Radiant flux: 0.1346 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>