



BARCELONALED ILUMINACION S.L.
BRCELONALED, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : TIRALED
Product No. : NWS0410-24V-5M-BF (5 CMS)
Manufacturer : BLED

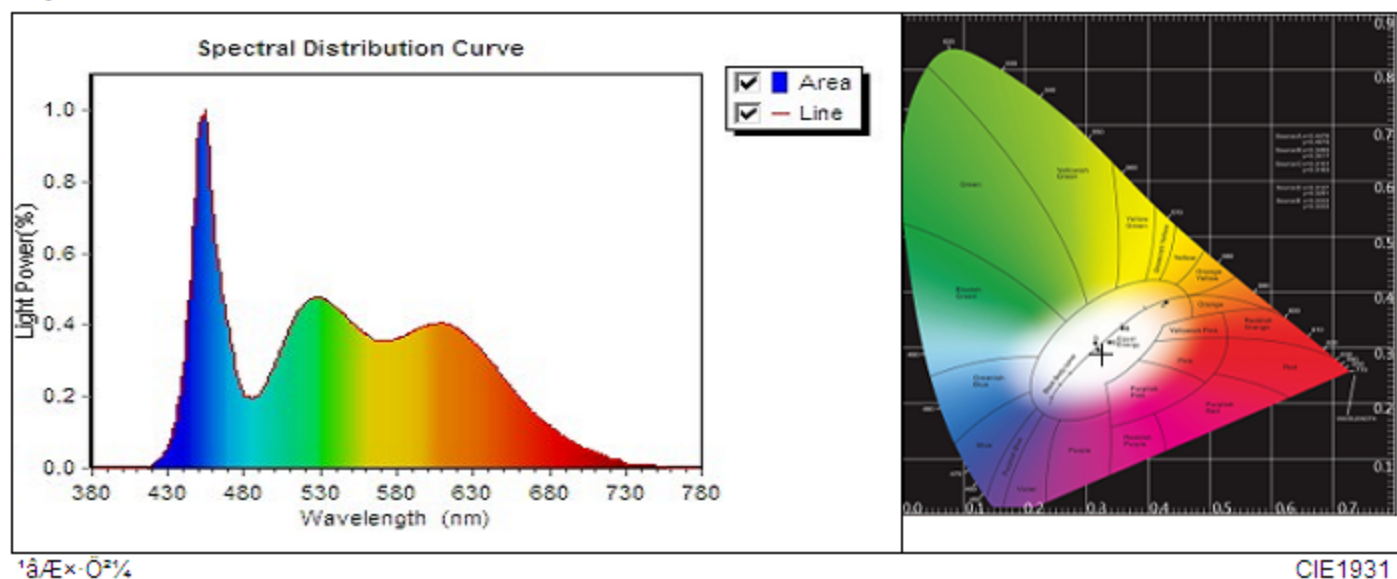
Test date. : 2024-04-29
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 33525 (51.2%)
Integral time. : 69ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3200$ $y=0.3314$ $u=0.2020$ $v=0.3138$ ($duv=0.0008$)
Color temperature: $TC=6106$ K Color difference: $SDCM=4.4$ Main Wavelength: $\lambda_d=482$ nm Purity: $Purity=0.335$
Peak wavelength: $\lambda_p=453.1$ nm FWHM: $\Delta\lambda_p=20.7$ nm Color ratio: $R=17.57\%$ $G=77.41\%$ $B=5.02\%$

Color rendering index (Ra): $Ra=94.5$

$R1=97.5$ $R2=95.8$ $R3=90.0$ $R4=96.1$ $R5=95.7$ $R6=91.1$ $R7=96.4$ $R8=92.6$
 $R9=76.2$ $R10=86.9$ $R11=91.9$ $R12=63.5$ $R13=98.9$ $R14=93.7$ $R15=96.7$

Optical Parameter

Luminous flux: 38.481 lm Luminous efficiency: 80.17 lm/w Radiant flux: 0.1293 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>