



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1652-30-BN
Manufacturer : BLED

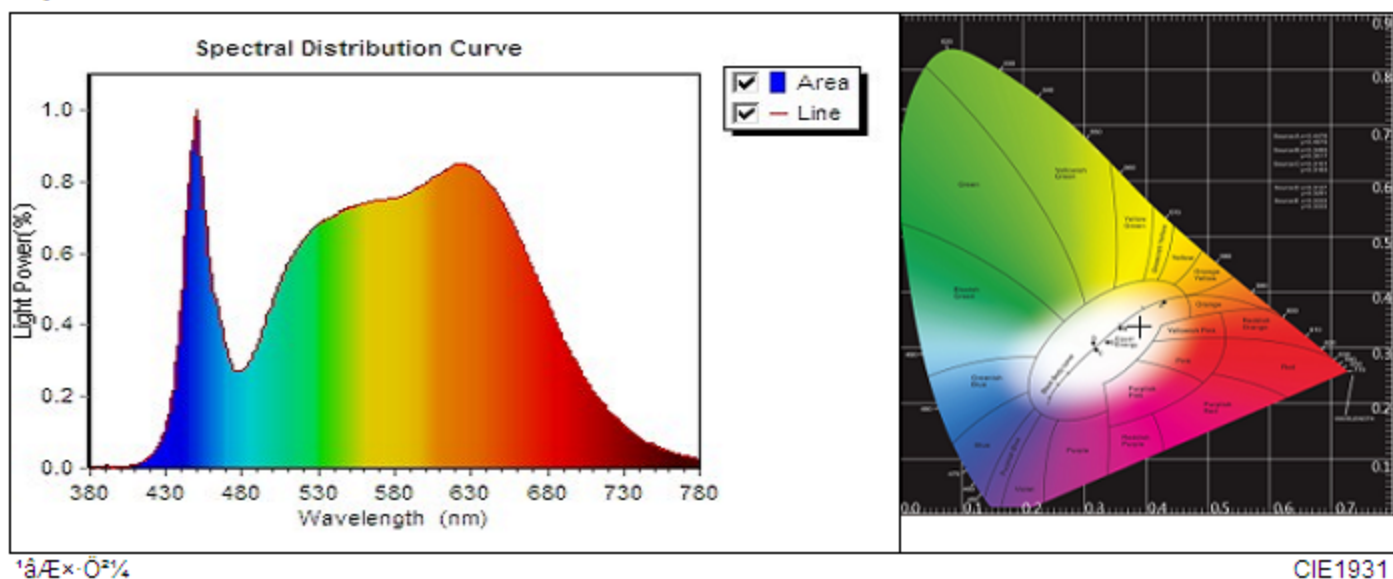
Test date. : 2023-02-14
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 38729 (59.1%)
Integral time. : 54ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3839$ $y=0.3777$ $u=0.2270$ $v=0.3350$ ($duv=-0.0006$)
Color temperature: $TC=3915$ K Color difference: $SDCM=3.3$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=449.5$ nm FWHM: $\Delta\lambda_p=20.5$ nm Color ratio: $R=21.54\%$ $G=75.12\%$ $B=3.34\%$

Color rendering index (Ra): $Ra=93.4$

$R1=94.8$ $R2=94.3$ $R3=91.9$ $R4=94.3$ $R5=93.6$ $R6=90.7$ $R7=95.5$ $R8=91.9$
 $R9=77.3$ $R10=85.1$ $R11=93.7$ $R12=72.1$ $R13=94.7$ $R14=94.9$ $R15=94.0$

Optical Parameter

Luminous flux: 104.247 lm luminous efficiency: 101.01 lm/w Radiant flux: 0.3618 W

Electrical Parameter

Voltage: 24.0 V Current: 0.043 A Watto: 1.032 W Power factor: 1.000

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