



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : T8 TUBE LED
Product No. : B4013BN
Manufacturer : BLED

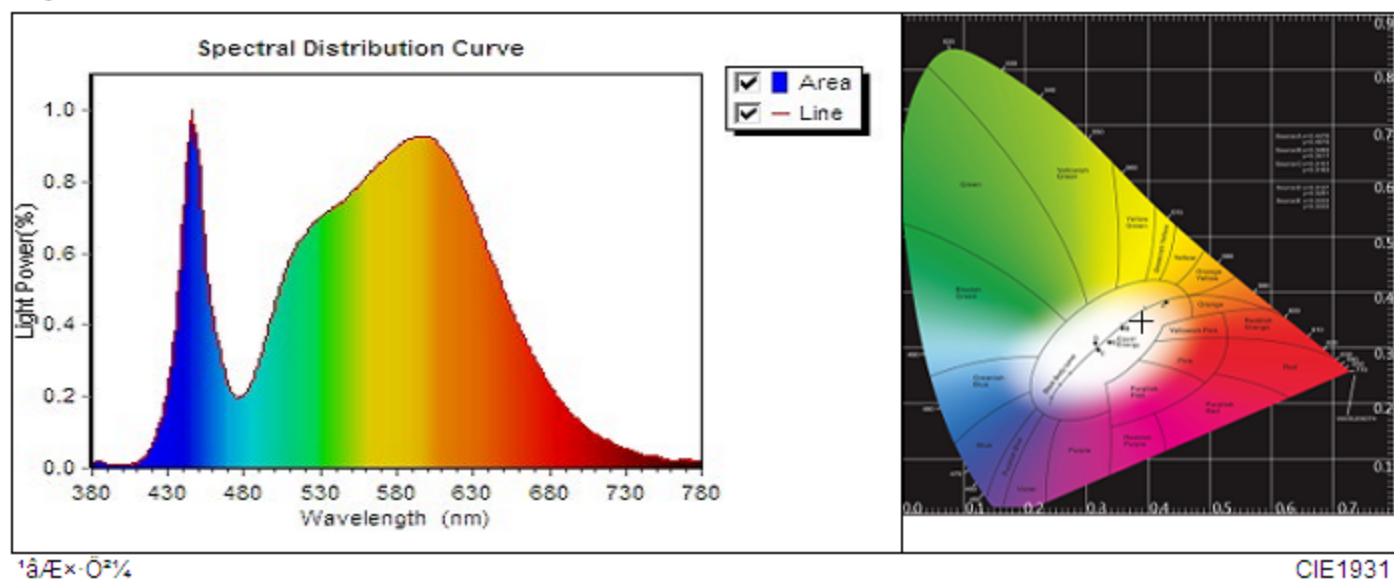
Test date. : 2023-04-05
Test equipment: SPEC2000A Spectrometer
Operator. : BL-20221103

Test Condition

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

Humidity : 65%
Peak AD. : 50302 (76.8%)
Integral time. : 124ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3849$ $y=0.3852$ $u=0.2247$ $v=0.3373$ ($duv=0.0026$)
Color temperature: $TC=3944$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=486$ nm Purity: $Purity=0.155$
Peak wavelength: $\lambda_p=446.0$ nm FWHM: $\Delta\lambda_p=20.3$ nm Color ratio: $R=19.81\%$ $G=77.46\%$ $B=2.73\%$

Color rendering index (Ra): $Ra=82.1$

$R1=80.5$ $R2=86.1$ $R3=91.7$ $R4=83.3$ $R5=80.7$ $R6=81.6$ $R7=86.7$ $R8=66.0$
 $R9=8.8$ $R10=68.1$ $R11=83.1$ $R12=62.9$ $R13=82.0$ $R14=95.3$ $R15=74.1$

Optical Parameter

Luminous flux: 2614.469 lm luminous efficiency: 141.32 lm/w Radiant flux: 7.9151 W

Electrical Parameter

Voltage: 230.2 V Current: 0.084 A Watts: 18.50 W Power factor: 0.948

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