



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : T8 TUBE LED
Product No. : B4013BF
Manufacturer : BLED

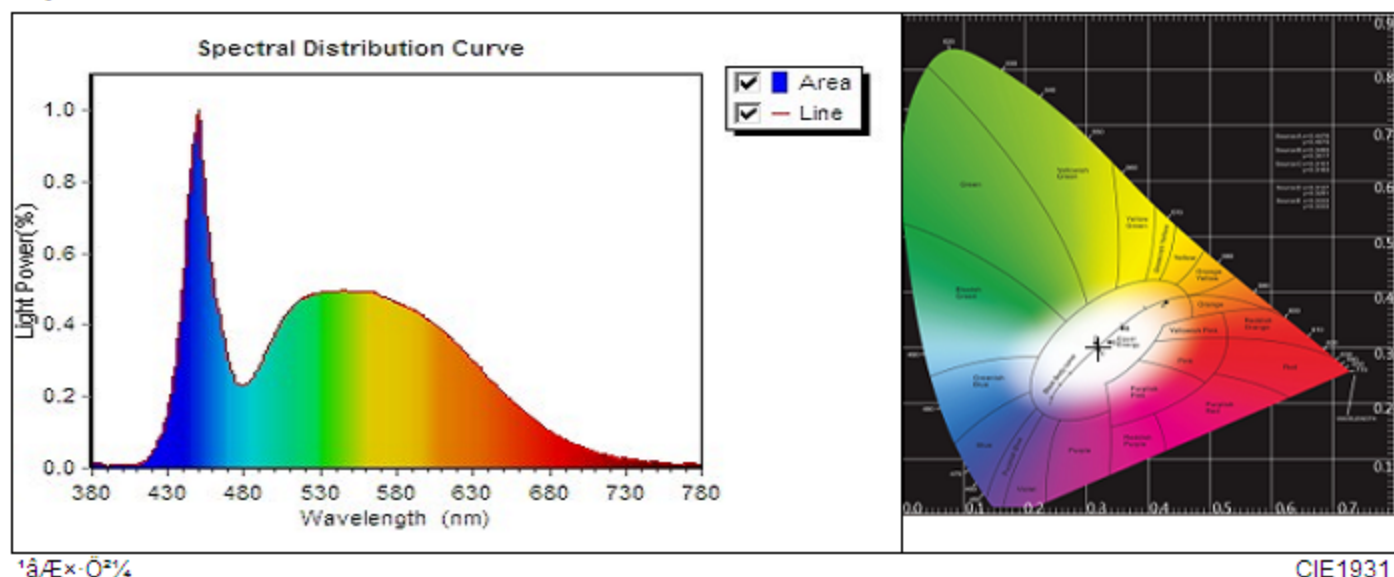
Test date. : 2023-04-05
Test equipment: SPEC2000A Spectrometer
Operator. : BL-20221103

Test Condition

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

Humidity : 65%
Peak AD. : 58542 (89.3%)
Integral time. : 97ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3157$ $y=0.3412$ $u=0.1954$ $v=0.3168$ ($duv=0.0079$)
Color temperature: $TC=6276$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.339$
Peak wavelength: $\lambda_p=449.1$ nm FWHM: $\Delta\lambda_p=20.4$ nm Color ratio: $R=14.47\%$ $G=80.75\%$ $B=4.79\%$

Color rendering index (Ra): $Ra=82.8$

$R1=80.3$ $R2=85.7$ $R3=90.2$ $R4=83.3$ $R5=81.6$ $R6=81.0$ $R7=88.8$ $R8=71.3$
 $R9=9.4$ $R10=67.0$ $R11=82.7$ $R12=60.1$ $R13=82.3$ $R14=94.9$ $R15=75.4$

Optical Parameter

Luminous flux: 2609.635 lm luminous efficiency: 142.6 lm/w Radiant flux: 8.4235 W

Electrical Parameter

Voltage: 230.2 V Current: 0.084 A Watte: 18.30 W Power factor: 0.947

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