



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : T8
Product No. : B4014-150BF
Manufacturer : BLED

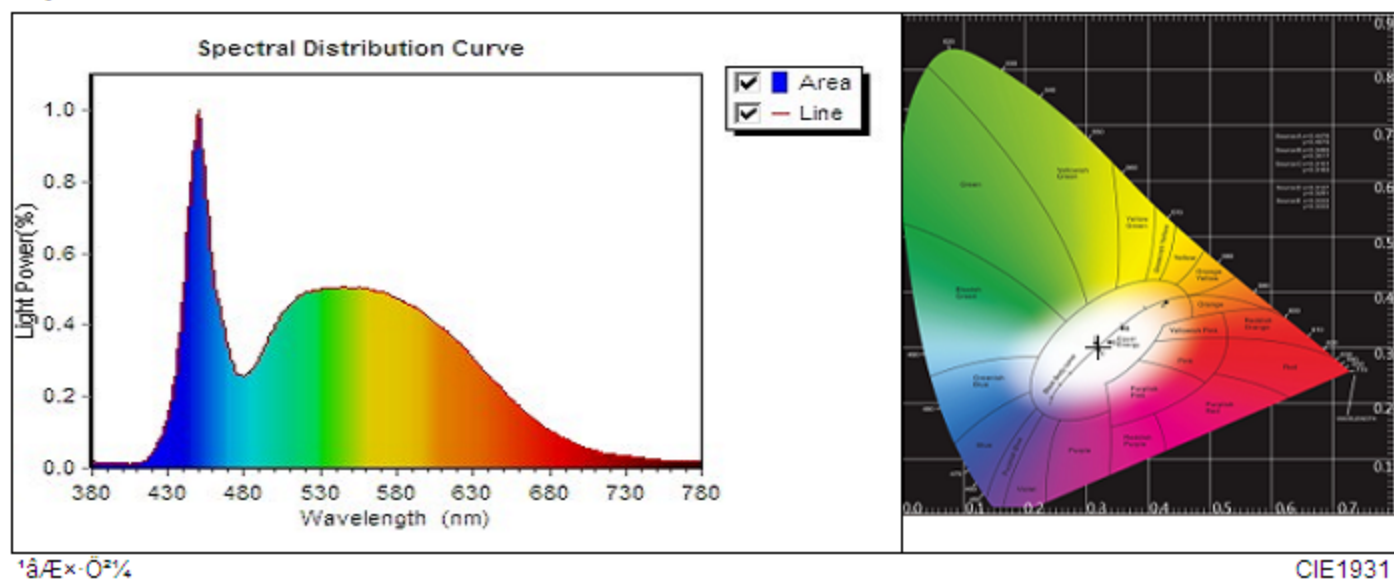
Test date. : 2021-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 50013 (76.3%)
Integral time. : 64ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3156$ $y=0.3432$ $u=0.1946$ $v=0.3174$ ($duv=0.0089$)
Color temperature: $TC=6268$ K Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.337$
Peak wavelength: $\lambda_p=449.6$ nm FWHM: $\Delta\lambda_p=20.8$ nm Color ratio: $R=14.40\%$ $G=80.64\%$ $B=4.96\%$

Color rendering index (Ra): $Ra=83.3$

$R1=80.4$ $R2=86.6$ $R3=91.8$ $R4=83.1$ $R5=81.6$ $R6=82.2$ $R7=89.3$ $R8=71.0$
 $R9=9.4$ $R10=69.2$ $R11=82.4$ $R12=60.6$ $R13=82.7$ $R14=95.8$ $R15=75.2$

Optical Parameter

Luminous flux: 3214.615 lm luminous efficiency: 136.79 lm/w Radiant flux: 10.4267 W

Electrical Parameter

Voltage: 230.2 V Current: 0.106 A Watts: 23.50 W Power factor: 0.958

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