



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : GREEN LED T8
Product No. : B4000-120-VE
Manufacturer : BLED

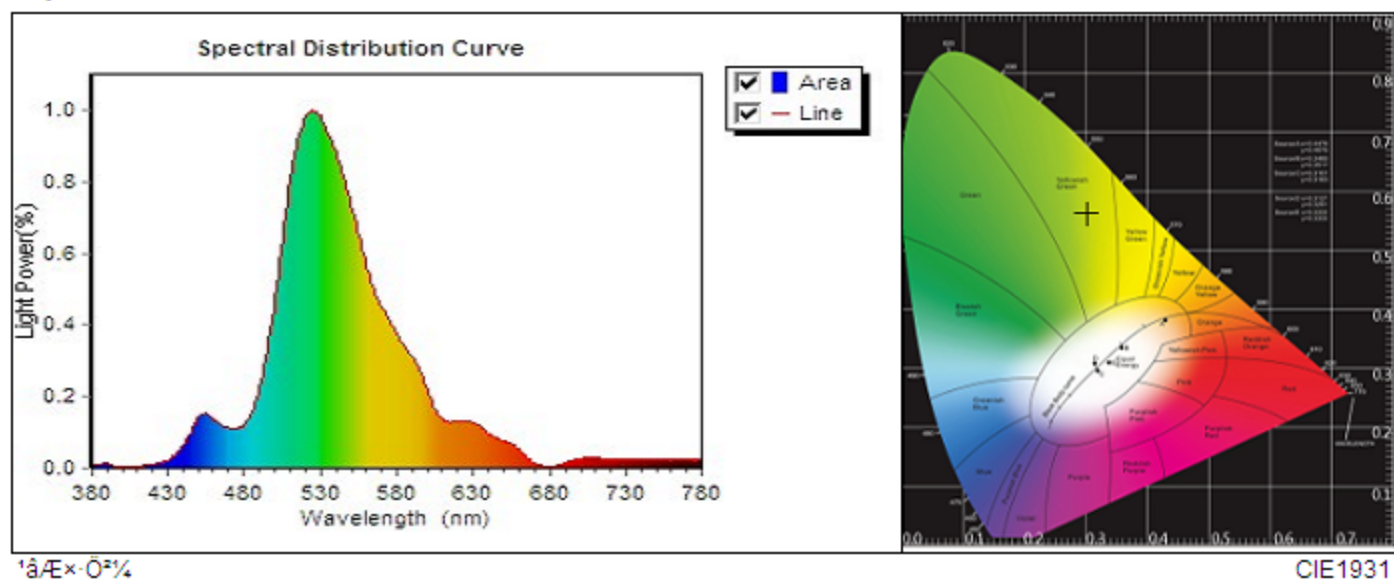
Test date. : 2020-11-19
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 47138 (71.9%)
Integral time. : 301ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2960$ $y=0.5651$ $u=0.1289$ $v=0.3690$ ($duv=0.0924$)
Color temperature: $TC=6190$ K Color difference: $SDCM=127.7$ Main Wavelength: $\lambda_d=504.01$ nm Purity: $Purity=0.439$
Peak wavelength: $\lambda_p=524.9$ nm FWHM: $\Delta\lambda_p=64.2$ nm Color ratio: $R=4.95\%$ $G=93.00\%$ $B=2.05\%$

Color rendering index (Ra): $Ra=37.6$

$R1=14.3$ $R2=45.8$ $R3=71.8$ $R4=18.3$ $R5=26.1$ $R6=40.1$ $R7=70.0$ $R8=13.7$
 $R9=-211.8$ $R10=-1.0$ $R11=3.6$ $R12=10.7$ $R13=22.4$ $R14=83.8$ $R15=1.4$

Optical Parameter

Luminous flux: 677.307 lm luminous efficiency: 35.46 lm/w Radiant flux: 1.4988 W

Electrical Parameter

Voltage: 230.1 V Current: 0.147 A Watts: 19.10 W Power factor: 0.564

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