



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : T8
Product No. : B4012BF
Manufacturer : BLED

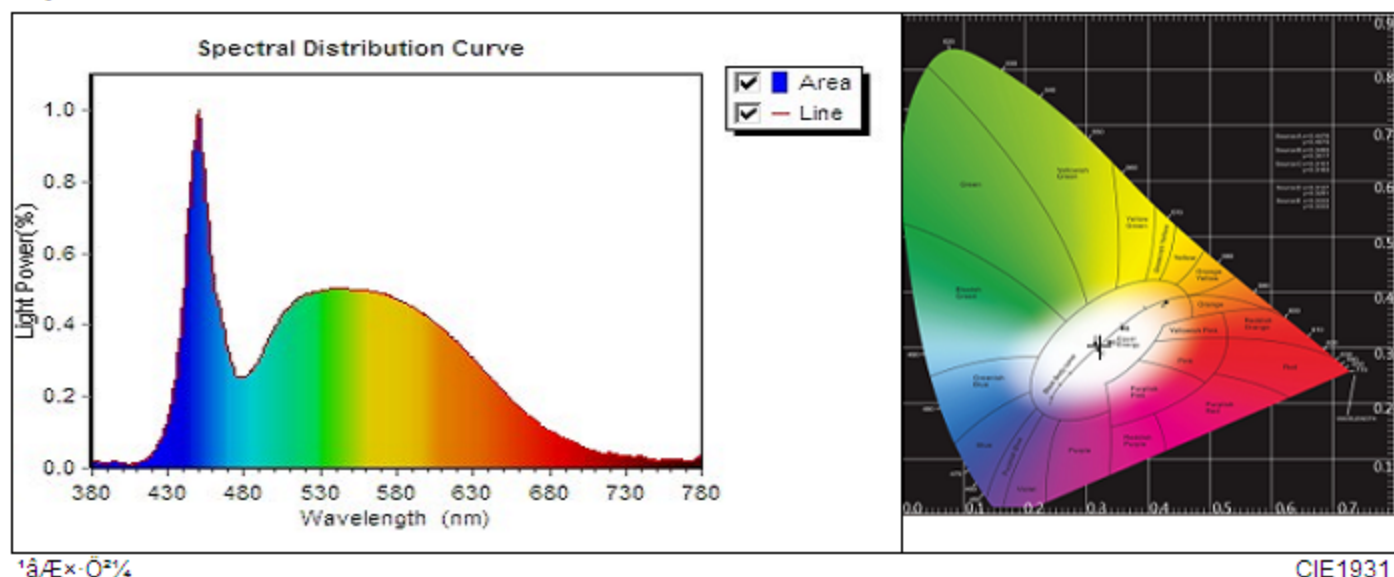
Test date. : 2021-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 55613 (84.9%)
Integral time. : 159ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3162$ $y=0.3439$ $u=0.1948$ $v=0.3177$ ($duv=0.0090$)
Color temperature: $TC=6236$ K Color difference: $SDCM=3.6$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.335$
Peak wavelength: $\lambda_p=449.6$ nm FWHM: $\Delta\lambda_p=20.6$ nm Color ratio: $R=14.46\%$ $G=80.60\%$ $B=4.94\%$

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

$R1=80.3$ $R2=86.6$ $R3=91.9$ $R4=83.1$ $R5=81.6$ $R6=82.2$ $R7=89.3$ $R8=70.8$
 $R9=8.9$ $R10=69.3$ $R11=82.4$ $R12=60.5$ $R13=82.7$ $R14=95.8$ $R15=75.1$

Optical Parameter

Luminous flux: 1366.101 lm luminous efficiency: 146.89 lm/w Radiant flux: 4.4334 W

Electrical Parameter

Voltage: 230.3 V Current: 0.070 A Watts: 9.30 W Power factor: 0.573

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