



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : T8 TUBE LED
Product No. : B4011-5-150BN
Manufacturer : BLED

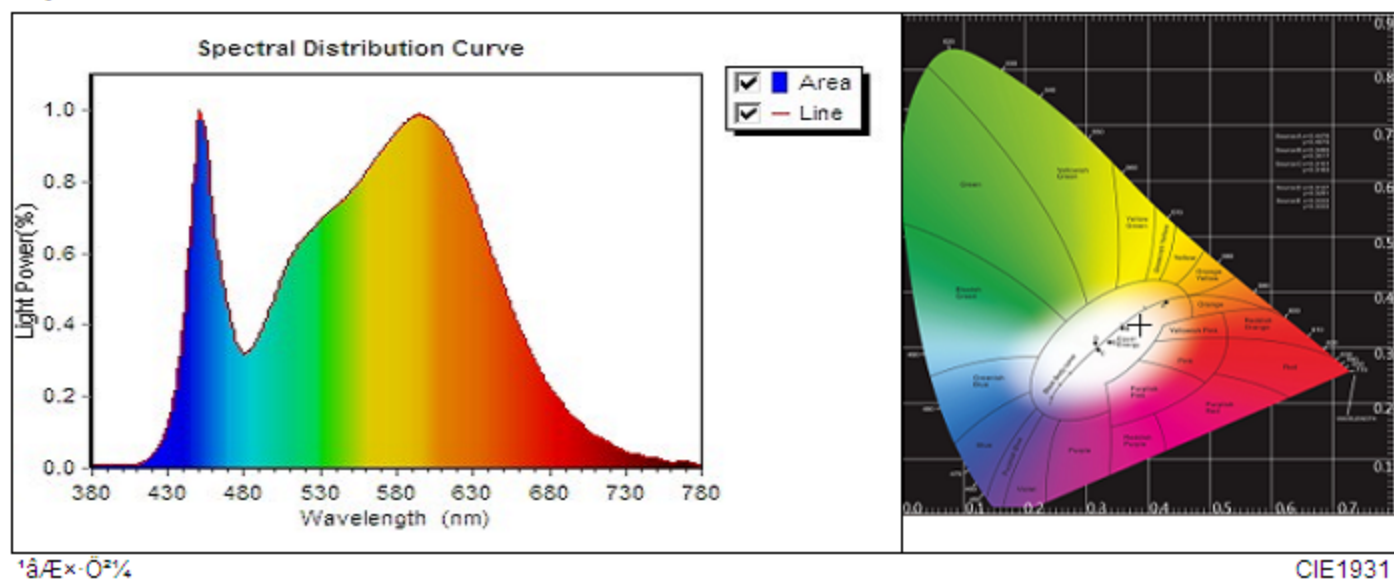
Test date. : 2023-04-06
Test equipment: SPEC2000A Spectrometer
Operator. : BL-20221103

Test Condition

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

Humidity : 65%
Peak AD. : 36061 (55.0%)
Integral time. : 69ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3828$ $y=0.3805$ $u=0.2252$ $v=0.3357$ ($duv=0.0010$)
Color temperature: $TC=3964$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=485.1$ nm Purity: $Purity=0.163$
Peak wavelength: $\lambda_p=451.7$ nm FWHM: $\Delta\lambda_p=24.2$ nm Color ratio: $R=20.05\%$ $G=76.53\%$ $B=3.43\%$

Color rendering index (Ra): $Ra=84.1$

$R1=82.5$ $R2=90.7$ $R3=96.1$ $R4=82.6$ $R5=82.6$ $R6=87.0$ $R7=86.2$ $R8=65.1$
 $R9=11.3$ $R10=77.8$ $R11=81.9$ $R12=63.9$ $R13=85.3$ $R14=98.2$ $R15=76.2$

Optical Parameter

Luminous flux: 3289.635 lm luminous efficiency: 137.64 lm/w Radiant flux: 9.9968 W

Electrical Parameter

Voltage: 230.2 V Current: 0.110 A Watts: 23.90 W Power factor: 0.941

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