



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

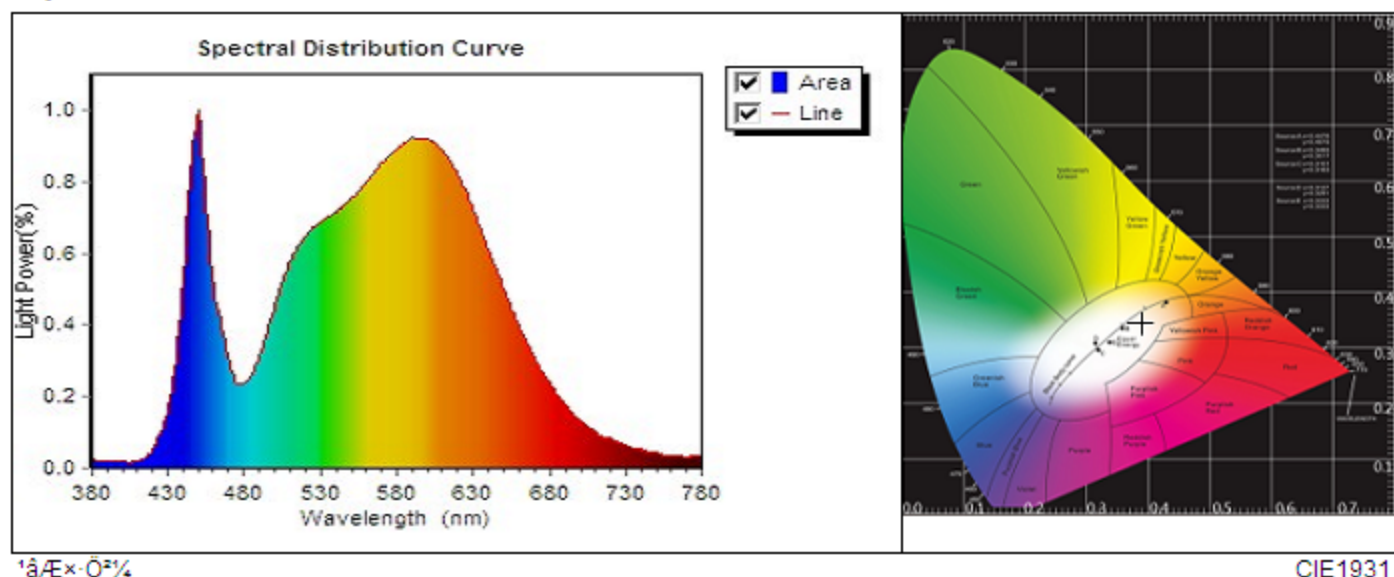
Test date. : 2021-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 36358 (55.5%)
Integral time. : 64ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3834$ $y=0.3827$ $u=0.2247$ $v=0.3364$ ($duv=0.0019$)
Color temperature: $TC=3964$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=485.01$ nm Purity: $Purity=0.159$
Peak wavelength: $\lambda_p=449.1$ nm FWHM: $\Delta\lambda_p=20.5$ nm Color ratio: $R=19.90\%$ $G=77.12\%$ $B=2.98\%$

Color rendering index (Ra): $Ra=83.4$

$R1=81.7$ $R2=88.0$ $R3=93.6$ $R4=83.7$ $R5=81.8$ $R6=83.8$ $R7=87.3$ $R8=66.8$
 $R9=12.4$ $R10=72.1$ $R11=83.3$ $R12=62.8$ $R13=83.6$ $R14=96.5$ $R15=75.7$

Optical Parameter

Luminous flux: 3266.469 lm luminous efficiency: 144.53 lm/w Radiant flux: 10.0227 W

Electrical Parameter

Voltage: 230.2 V Current: 0.103 A Watts: 22.60 W Power factor: 0.951

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