



Spectral test report for lamp

Product type : LED Tube
Product No. : B8409-3-90-OPBF
Manufacturer : BLED

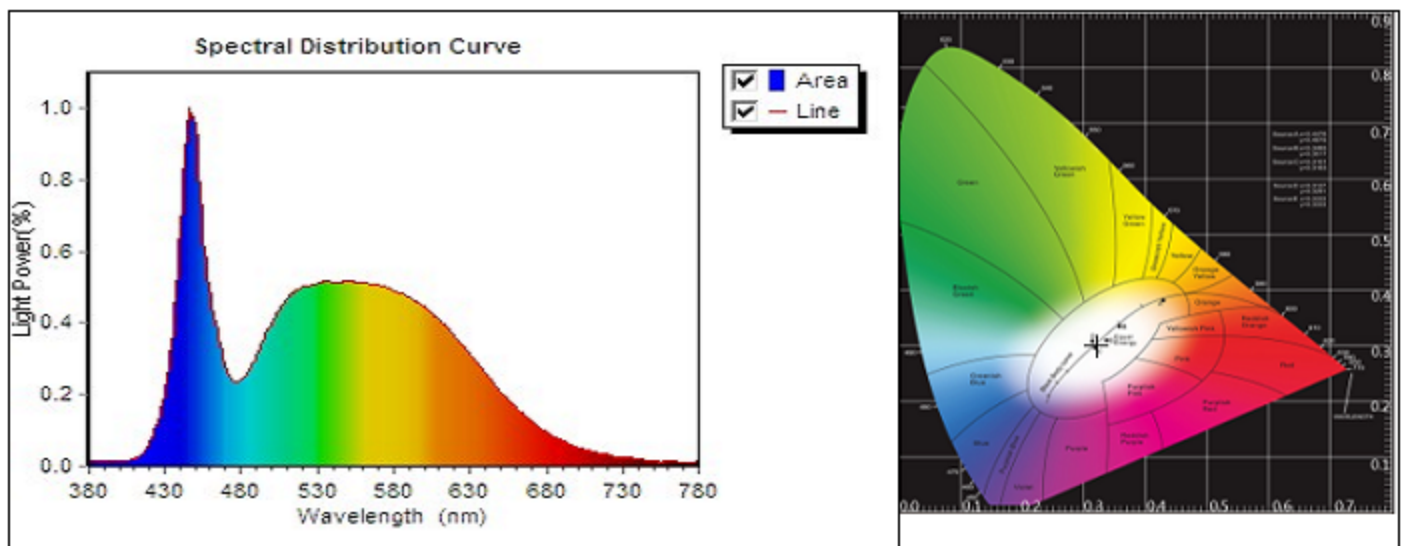
Test date. : 2024-07-22
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 53276 (81.3%)
Integral time. : 140ms

Spectral Parameter



1â€¦x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3169$ $y=0.3418$ $u=0.1960$ $v=0.3171$ ($duv=0.0076$)

Color temperature: $TC=6214$ K Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.336$

Peak wavelength: $\lambda_p=446.9$ nm FWHM: $\lambda_p=21.6$ nm Color ratio: $R=14.51\%$ $G=80.80\%$ $B=4.69\%$

Color rendering index (Ra): $Ra=82.2$

$R1=79.8$ $R2=84.9$ $R3=89.8$ $R4=83.1$ $R5=81.4$ $R6=80.7$ $R7=87.5$ $R8=69.8$

$R9=4.3$ $R10=65.6$ $R11=83.1$ $R12=63.0$ $R13=81.5$ $R14=94.7$ $R15=74.1$

Optical Parameter

Luminous flux: 1716.05 lm luminous efficiency: 133.03 lm/w Radiant flux: 5.5013 W

Electrical Parameter

Voltage: 230.3 V Current: 0.094 A Wate: 12.90 W Power factor: 0.594

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