



Spectral test report for lamp

Product type : TUBO
Product No. : BTL-T8150-BF
Manufacturer : BLED

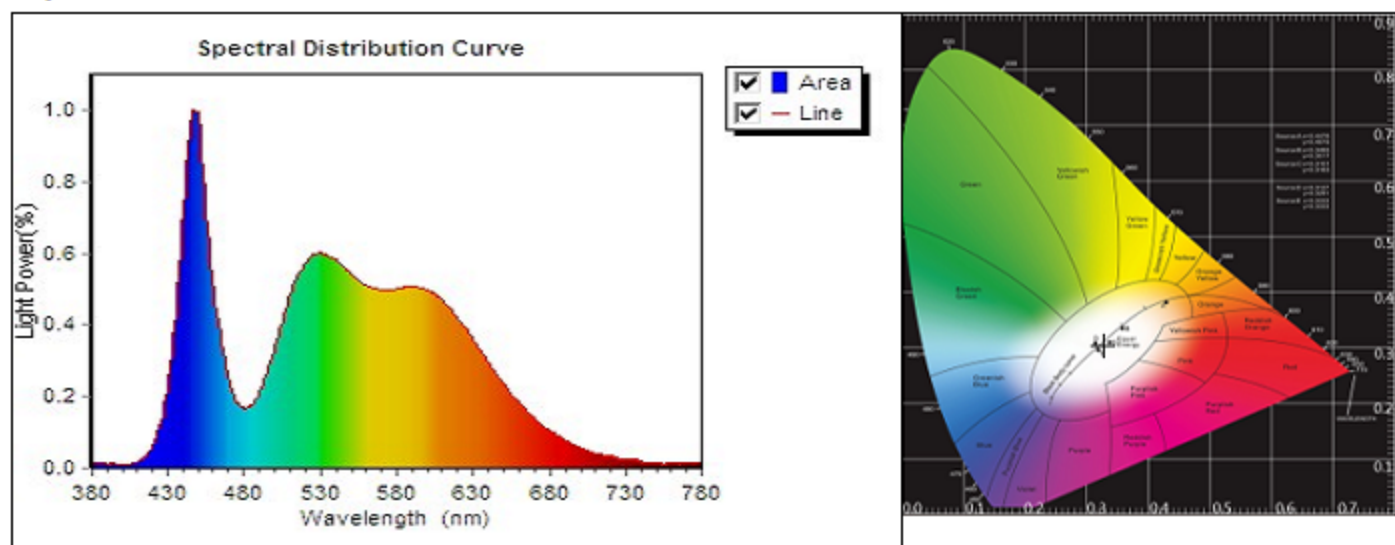
Test date. : 2025-05-28
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 54259 (82.8%)
Integral time. : 120ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3238$ $y=0.3454$ $u=0.1994$ $v=0.3190$ ($duv=0.0061$)

Color temperature: $TC=5882$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.318$

Peak wavelength: $\lambda_p=447.4$ nm FWHM: $\lambda_p=22.6$ nm Color ratio: $R=15.57\%$ $G=80.68\%$ $B=3.75\%$

Color rendering index (Ra): $Ra=82$

$R1=83.0$ $R2=83.5$ $R3=83.9$ $R4=83.7$ $R5=83.1$ $R6=79.0$ $R7=86.1$ $R8=73.1$

$R9=14.2$ $R10=60.9$ $R11=84.3$ $R12=59.1$ $R13=83.5$ $R14=91.0$ $R15=77.5$

Optical Parameter

Luminous flux: 2971.111 lm luminous efficiency: 127.52 lm/w Radiant flux: 6.9918 W

Electrical Parameter

Voltage: 230.2 V Current: 0.169 A Wate: 23.30 W Power factor: 0.599

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