



Spectral test report for lamp

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

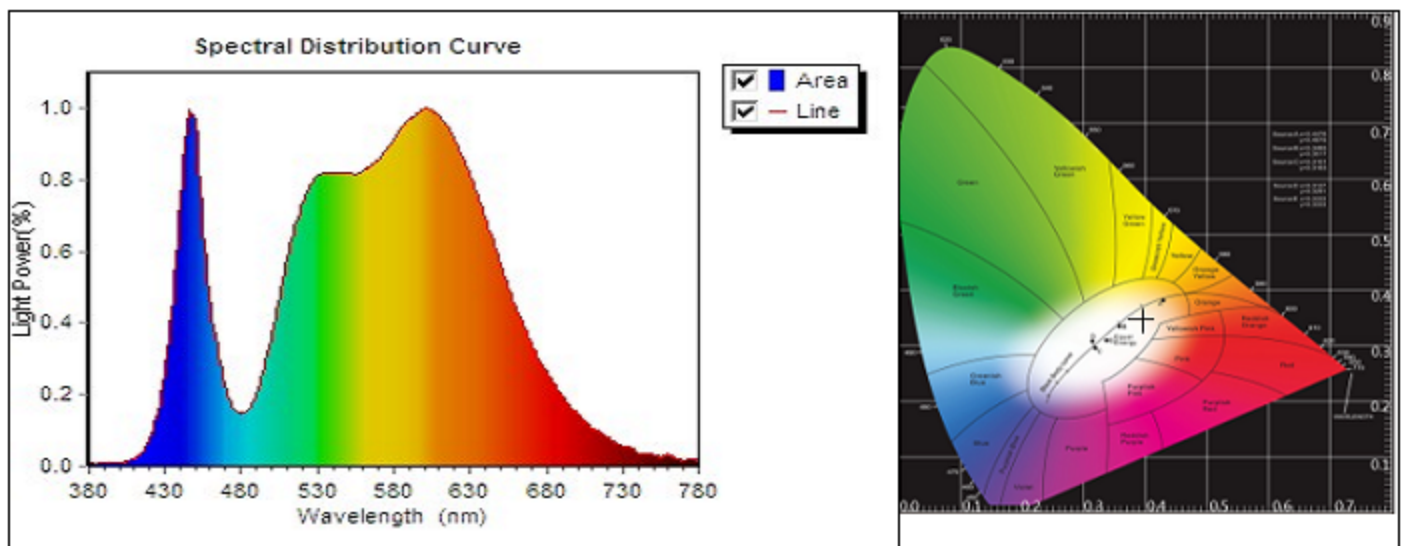
Test date. : 2025-05-28
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 39559 (60.4%)
Integral time. : 120ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3888$ $y=0.3849$ $u=0.2274$ $v=0.3376$ ($duv=0.0014$)

Color temperature: $TC=3842$ K Color difference: $SDCM=4.3$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.146$

Peak wavelength: $\lambda_p=601.2$ nm FWHM: $\lambda_p=148.7$ nm Color ratio: $R=20.65\%$ $G=77.14\%$ $B=2.21\%$

Color rendering index (Ra): $Ra=82.4$

$R1=83.1$ $R2=85.3$ $R3=86.7$ $R4=84.7$ $R5=82.0$ $R6=80.1$ $R7=86.8$ $R8=70.1$

$R9=18.2$ $R10=64.5$ $R11=84.9$ $R12=58.5$ $R13=83.9$ $R14=92.0$ $R15=77.4$

Optical Parameter

Luminous flux: 2975.017 lm luminous efficiency: 130.48 lm/w Radiant flux: 6.7823 W

Electrical Parameter

Voltage: 230.1 V Current: 0.168 A Wate: 22.80 W Power factor: 0.588

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