



Spectral test report for lamp

Product type : BLUE LED T8
Product No. : B4000-120-AZ
Manufacturer : BLED

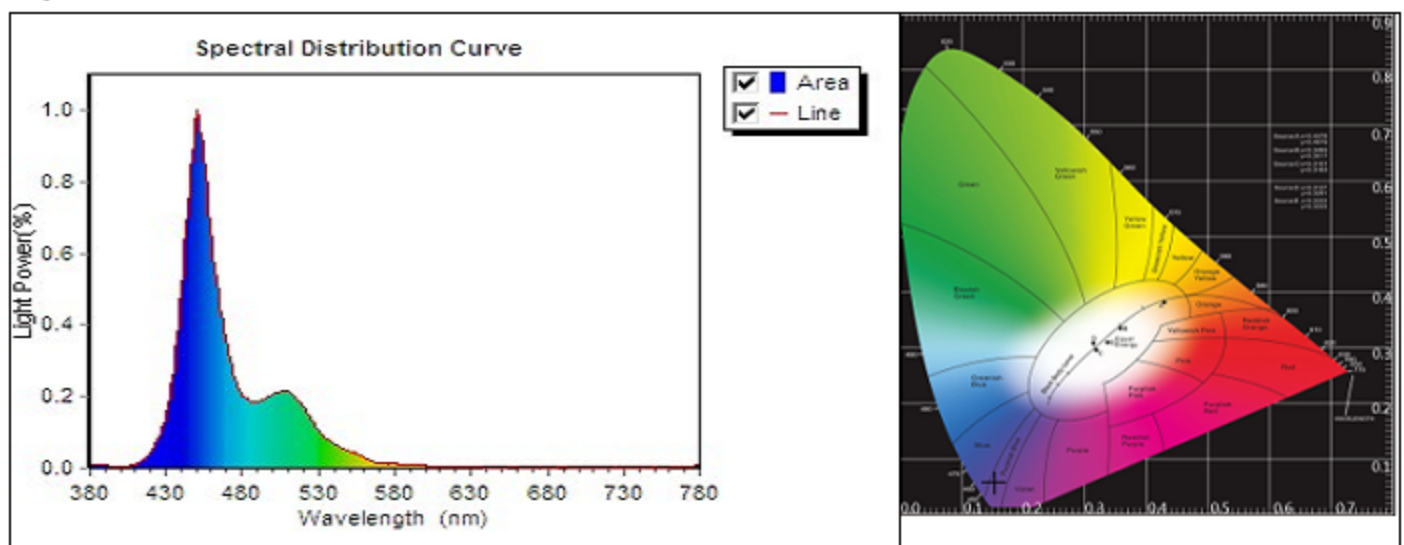
Test date. : 2020-11-19
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 48579 (74.1%)
Integral time. : 301ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1509$ $y=0.1179$ $u=0.1468$ $v=0.1720$ ($duv=-0.1063$)

Color temperature: $TC=100000$ K Color difference: $SDCM=105.7$ Main Wavelength: $\lambda_d=476.1$ nm Purity: $Purity=0.895$

Peak wavelength: $\lambda_p=450.7$ nm FWHM: $\lambda_p=23.9$ nm Color ratio: $R=1.13\%$ $G=72.39\%$ $B=26.47\%$

Color rendering index (Ra): $Ra=17$

$R1=4.5$ $R2=51.7$ $R3=3.5$ $R4=-25.0$ $R5=22.6$ $R6=34.8$ $R7=39.3$ $R8=4.3$

$R9=-247.2$ $R10=7.1$ $R11=-55.6$ $R12=32.5$ $R13=12.7$ $R14=42.0$ $R15=19.0$

Optical Parameter

Luminous flux: 100.611 lm luminous efficiency: 5.32 lm/w Radiant flux: 0.7769 W

Electrical Parameter

Voltage: 230.1 V Current: 0.148 A Wate: 18.90 W Power factor: 0.556

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