



Spectral test report for lamp

Product type : LED Tube
Product No. : B8430-150-NANO-BF
Manufacturer : BLED

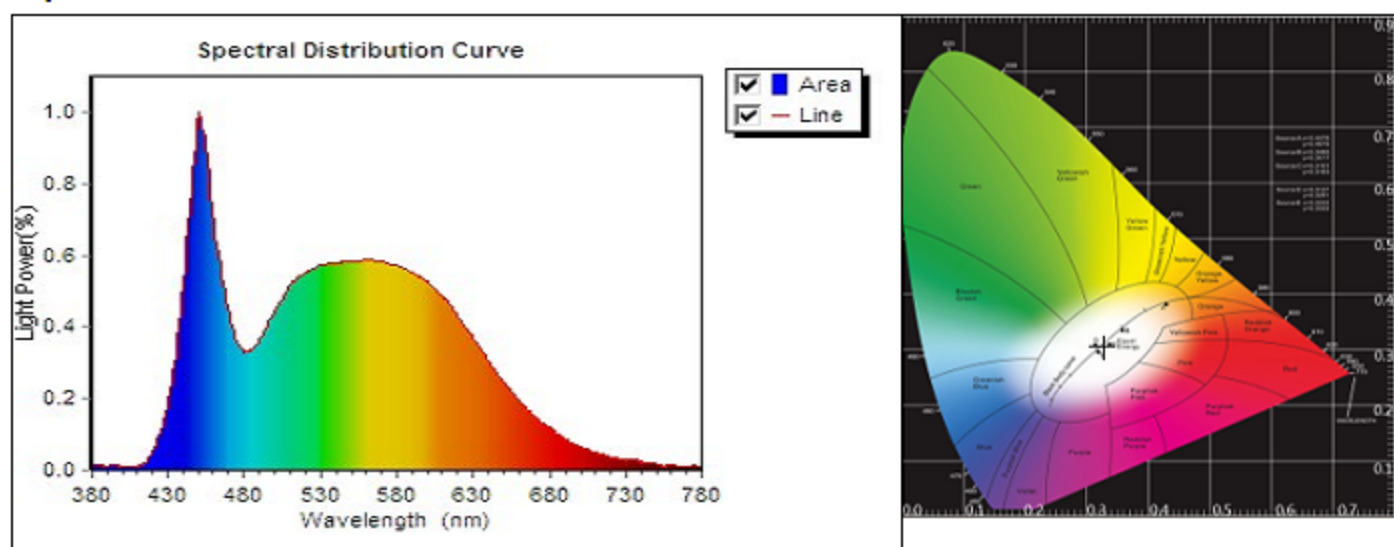
Test date. : 2024-10-14
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 54652 (83.4%)
Integral time. : 136ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3217$ $y=0.3467$ $u=0.1975$ $v=0.3192$ ($duv=0.0077$)

Color temperature: $TC=5970$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.321$

Peak wavelength: $\lambda_p=451.0$ nm FWHM: $\lambda_p=27.4$ nm Color ratio: $R=14.99\%$ $G=79.98\%$ $B=5.03\%$

Color rendering index (Ra): $Ra=83.8$

$R1=81.1$ $R2=88.3$ $R3=93.6$ $R4=82.9$ $R5=82.2$ $R6=84.2$ $R7=88.6$ $R8=69.1$

$R9=6.9$ $R10=72.7$ $R11=82.2$ $R12=63.5$ $R13=83.9$ $R14=96.7$ $R15=75.4$

Optical Parameter

Luminous flux: 2110.168 lm luminous efficiency: 85.09 lm/w Radiant flux: 6.7258 W

Electrical Parameter

Voltage: 230.2 V Current: 0.182 A Wate: 24.80 W Power factor: 0.591

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