



Spectral test report for lamp

Product type : LED TUBE T8
Product No. : B4016-120-BF
Manufacturer : BLED

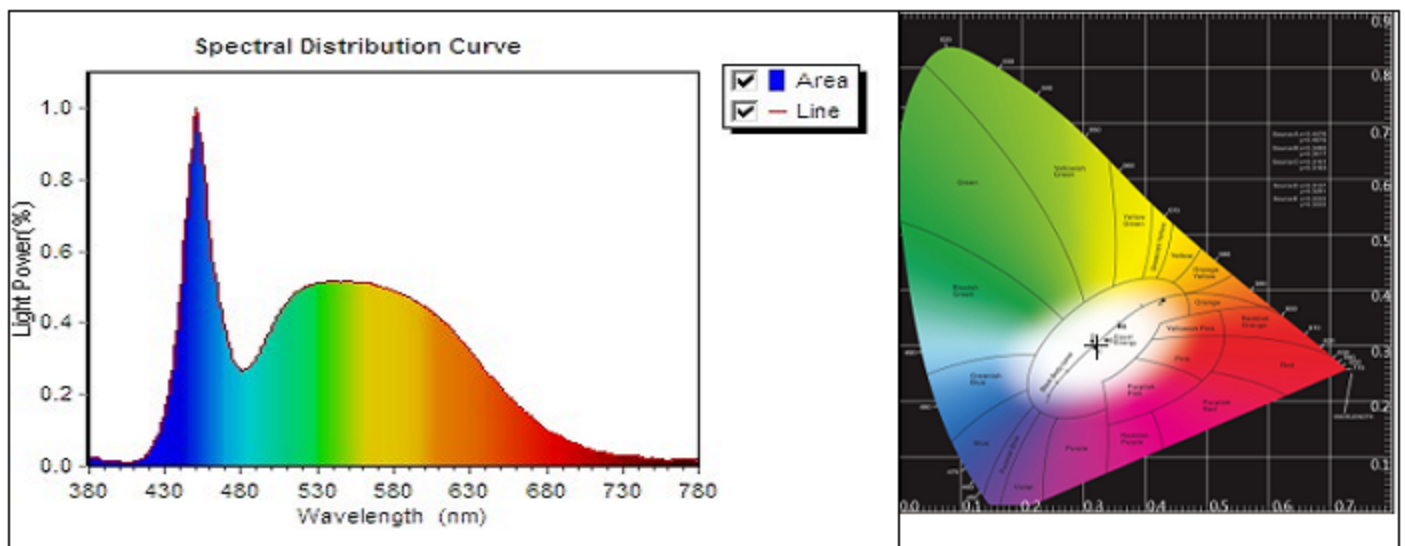
Test date. : 2023-05-25
Test equipment : SPEC2000A Spectrometer
Operator. : PIW22112B

Test Condition

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

Humidity : 65%
Peak AD. : 36859 (56.2%)
Integral time. : 77ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3166$ $y=0.3411$ $u=0.1961$ $v=0.3168$ ($duv=0.0074$)

Color temperature: $TC=6232$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.337$

Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\lambda_p=23.6$ nm Color ratio: $R=14.72\%$ $G=80.28\%$ $B=4.99\%$

Color rendering index (Ra): $Ra=84$

$R1=81.7$ $R2=87.6$ $R3=91.8$ $R4=83.8$ $R5=82.5$ $R6=83.0$ $R7=89.4$ $R8=71.6$

$R9=12.2$ $R10=70.8$ $R11=83.1$ $R12=60.6$ $R13=84.0$ $R14=95.8$ $R15=76.8$

Optical Parameter

Luminous flux: 2185.31 lm luminous efficiency: 115.02 lm/w Radiant flux: 7.0815 W

Electrical Parameter

Voltage: 230.1 V Current: 0.144 A Wate: 19.00 W Power factor: 0.573

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