



Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V9W-SIDE-IP20-BN (10 CM)
Manufacturer : BLED

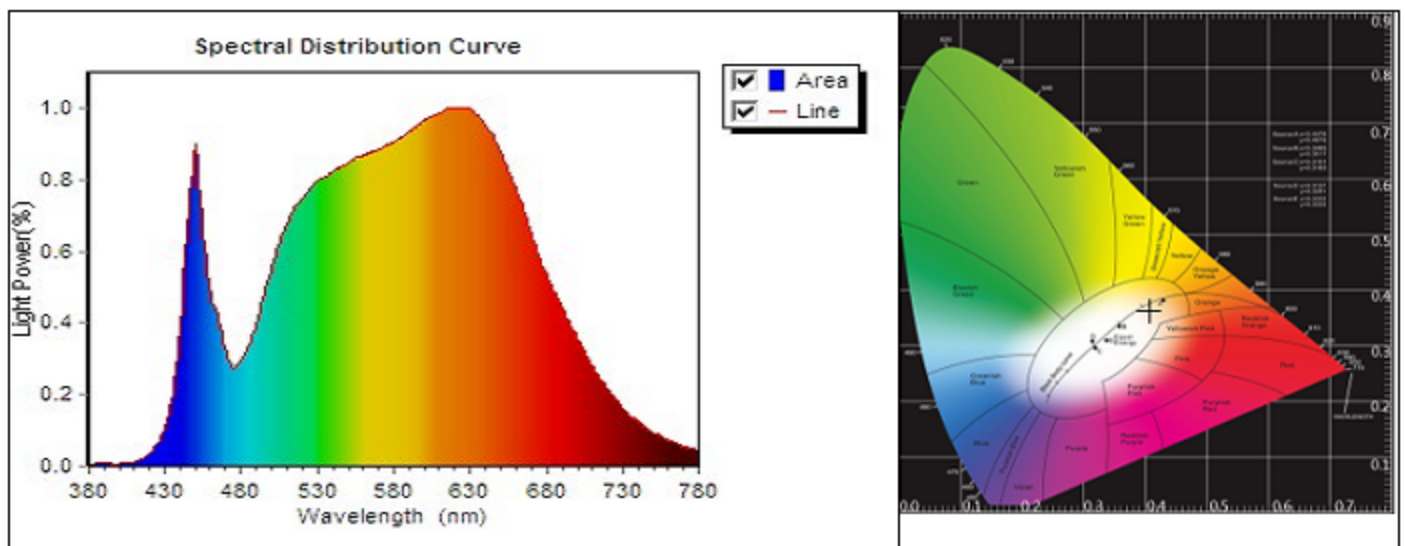
Test date. : 2024-07-31
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 47532 (72.5%)
Integral time. : 73ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4004$ $y=0.4002$ $u=0.2288$ $v=0.3429$ ($duv=0.0052$)

Color temperature: $TC=3682$ K Color difference: $SDCM=7.7$ Main Wavelength: $\lambda_d=488.05$ nm Purity: $Purity=0.113$

Peak wavelength: $\lambda_p=619.2$ nm FWHM: $\lambda_p=187.8$ nm Color ratio: $R=21.79\%$ $G=75.27\%$ $B=2.95\%$

Color rendering index (Ra): $Ra=92$

$R1=91.7$ $R2=92.6$ $R3=93.3$ $R4=93.9$ $R5=90.7$ $R6=89.8$ $R7=96.3$ $R8=87.4$

$R9=64.7$ $R10=82.5$ $R11=93.9$ $R12=70.7$ $R13=92.0$ $R14=95.9$ $R15=88.7$

Optical Parameter

Luminous flux: 91.475 lm Luminous efficiency: 57.75 lm/w Radiant flux: 0.3102 W

Electrical Parameter

Voltage: 24.0 V Current: 0.066 A Wate: 1.584 W Power factor: 1.000

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