



Spectral test report for lamp

Product type : TIRA
Product No. : B1546-IP20_RGB
Manufacturer : BLED

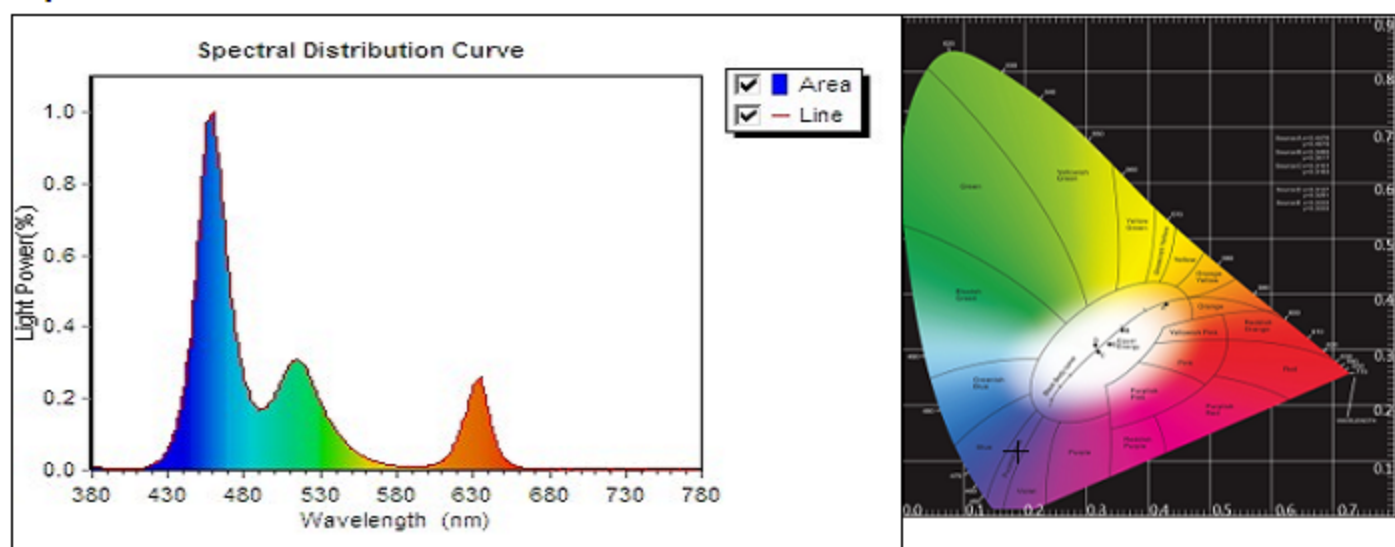
Test date. : 2019-06-07
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51464 (78.5%)
Integral time. : 36ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1841$ $y=0.1719$ $u=0.1569$ $v=0.2197$ ($duv=-0.0583$)
Color temperature: $TC=100000$ K Color difference: $SDCM=87.1$ Main Wavelength: $\lambda_d=478.01$ nm Purity: $Purity=0.774$
Peak wavelength: $\lambda_p=458.1$ nm FWHM: $\lambda_p=23.8$ nm Color ratio: $R=12.67\%$ $G=68.51\%$ $B=18.81\%$

Color rendering index (Ra): $Ra=64.2$

$R1=77.2$ $R2=59.5$ $R3=43.2$ $R4=69.8$ $R5=82.5$ $R6=54.2$ $R7=61.9$ $R8=64.8$
 $R9=-51.8$ $R10=-2.8$ $R11=51.1$ $R12=62.9$ $R13=54.7$ $R14=66.4$ $R15=62.1$

Optical Parameter

Luminous flux: 28.21 lm luminous efficiency: 20.99 lm/w Radiant flux: 0.1664 W

Electrical Parameter

Voltage: 12.0 V Current: 0.112 A Watto: 1.344 W Power factor: 1.000

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