



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRA
Product No. : B1552SA
Manufacturer : BLED

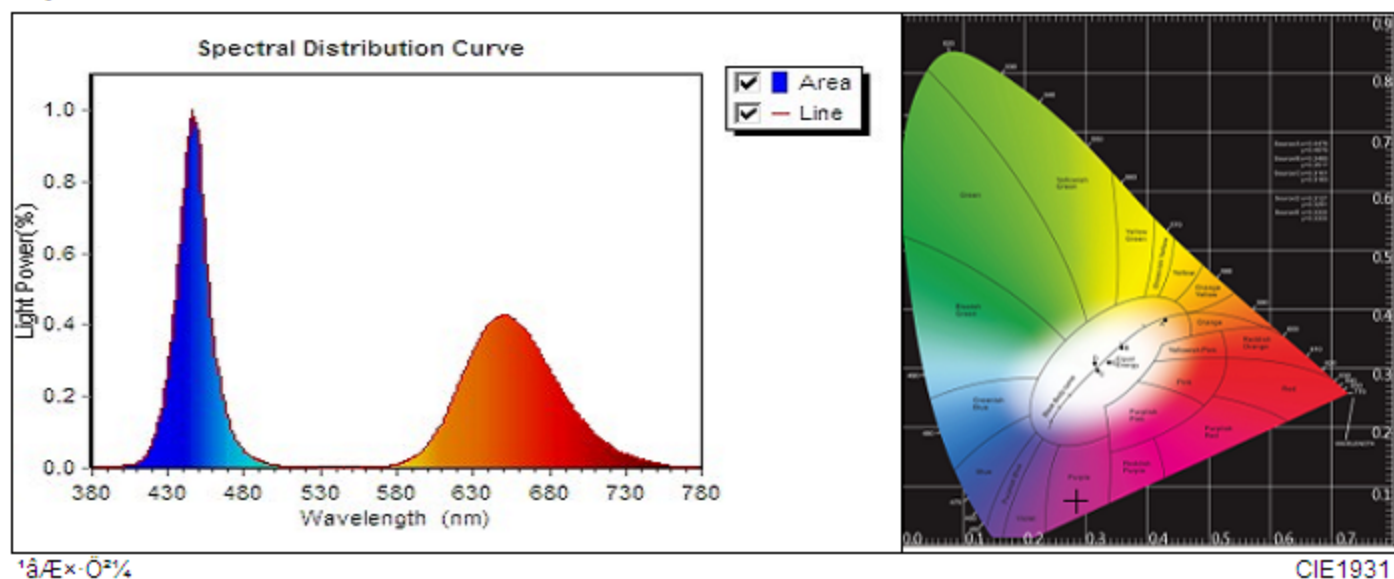
Test date. : 2019-06-06
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 44219 (67.5%)
Integral time. : 28ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2788$ $y=0.0880$ $u=0.3188$ $v=0.1510$ ($duv=-0.1825$)
Color temperature: $TC=100000$ K Color difference: $SDCM=101.6$ Main Wavelength: $\lambda_d=446.01$ nm Purity: $Purity=0.742$
Peak wavelength: $\lambda_p=446.5$ nm FWHM: $\Delta\lambda_p=21.7$ nm Color ratio: $R=72.53\%$ $G=10.35\%$ $B=17.12\%$

Color rendering index (Ra): $Ra=-154.9$

$R1=-169.7$ $R2=-227.8$ $R3=-244.3$ $R4=-36.8$ $R5=-152.1$ $R6=-225.9$ $R7=-40.7$ $R8=-142.1$
 $R9=-684.9$ $R10=-624.2$ $R11=-58.7$ $R12=-350.6$ $R13=-222.4$ $R14=-56.5$ $R15=-297.6$

Optical Parameter

Luminous flux: 17.663 lm Luminous efficiency: 13.14 lm/w Radiant flux: 0.2594 W

Electrical Parameter

Voltage: 24.0 V Current: 0.056 A Watto: 1.344 W Power factor: 1.000

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