



BARCELONALED ILUMINACION S.L.
BRCELONALED, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : TIRALED
Product No. : B1552-AZ
Manufacturer : BLED

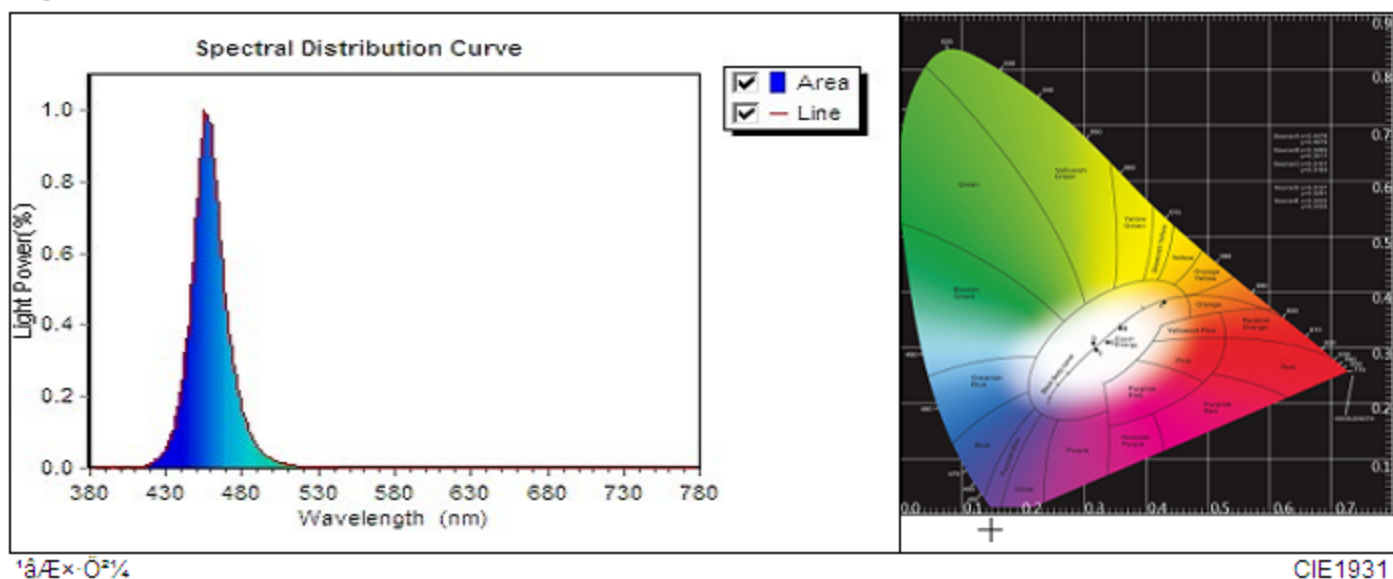
Test date. : 2021-02-23
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 52451 (80.0%)
Integral time. : 6ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1455$ $y=0.0389$ $u=0.1832$ $v=0.0735$ ($duv=-0.1987$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.3$ Main Wavelength: $\lambda_d=472.05$ nm Purity: $Purity=1.008$
Peak wavelength: $\lambda_p=456.8$ nm FWHM: $\lambda_p=21.5$ nm Color ratio: $R=0.50\%$ $G=13.99\%$ $B=85.50\%$

Color rendering index (Ra): $Ra=-56.9$

$R1=-13.6$ $R2=-50.7$ $R3=-151.6$ $R4=-93.8$ $R5=4.3$ $R6=-57.3$ $R7=-53.4$ $R8=-39.4$
 $R9=-269.9$ $R10=-238.7$ $R11=-122.1$ $R12=-112.2$ $R13=-35.6$ $R14=-35.3$ $R15=1.9$

Optical Parameter

Luminous flux: 32.521 lm Luminous efficiency: 21.86 lm/w Radiant flux: 0.6585 W

Electrical Parameter

Voltage: 24.0 V Current: 0.062 A Watto: 1.488 W Power factor: 1.000

MEASUREFINE

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