



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V14W-IP20-20M-RGB (Blue) (166)
Manufacturer : BLED

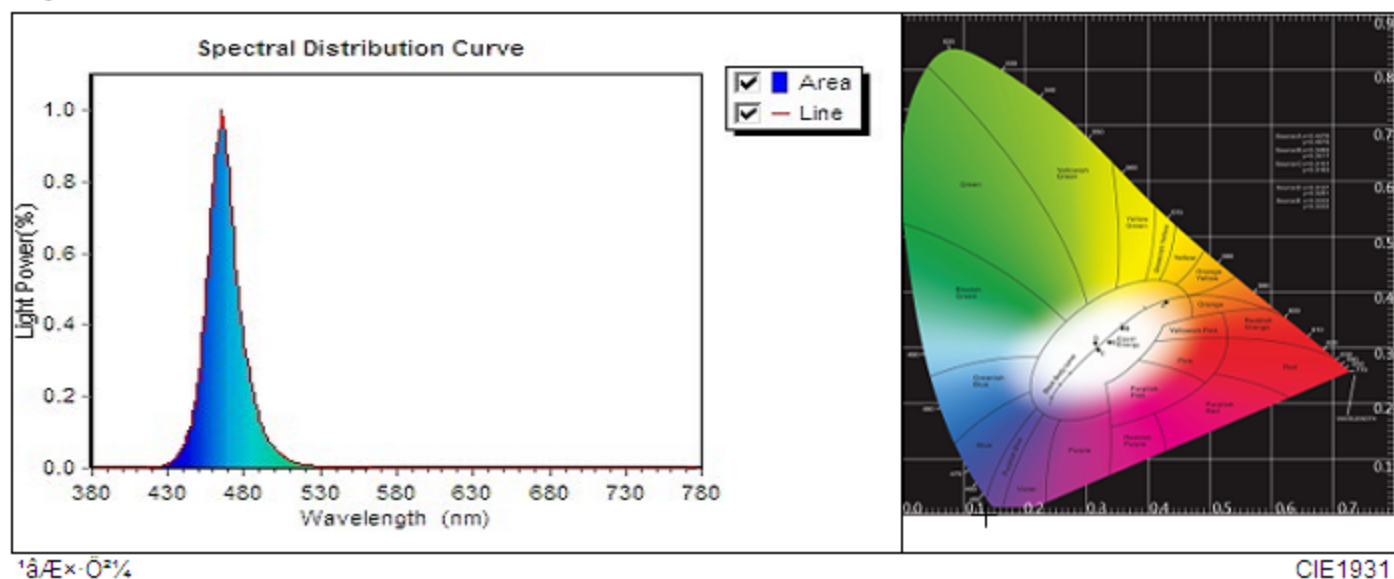
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40649 (62.0%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1334$ $y=0.0632$ $u=0.1529$ $v=0.1085$ ($duv=-0.1663$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.3$ Main Wavelength: $\lambda_d=474.1$ nm Purity: $Purity=0.995$
Peak wavelength: $\lambda_p=465.0$ nm FWHM: $\lambda_p=21.0$ nm Color ratio: $R=0.40\%$ $G=18.22\%$ $B=81.38\%$

Color rendering index (Ra): $Ra=-49.7$

$R1=-13.1$ $R2=-43.2$ $R3=-134.4$ $R4=-82.8$ $R5=6.3$ $R6=-51.1$ $R7=-45.3$ $R8=-34.7$
 $R9=-275.2$ $R10=-223.2$ $R11=-110.4$ $R12=-92.5$ $R13=-33.5$ $R14=-29.1$ $R15=-0.6$

Optical Parameter

Luminous flux: 8.153 lm luminous efficiency: lm/w Radiant flux: 0.1157 W

Electrical Parameter

Voltage: 48 V Current: 0.007 A Watte: 0.336 W Power factor:

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