



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. : BLS5050-48V14W-IP20-20M-RGB (RGB) (166
Manufacturer : BLED

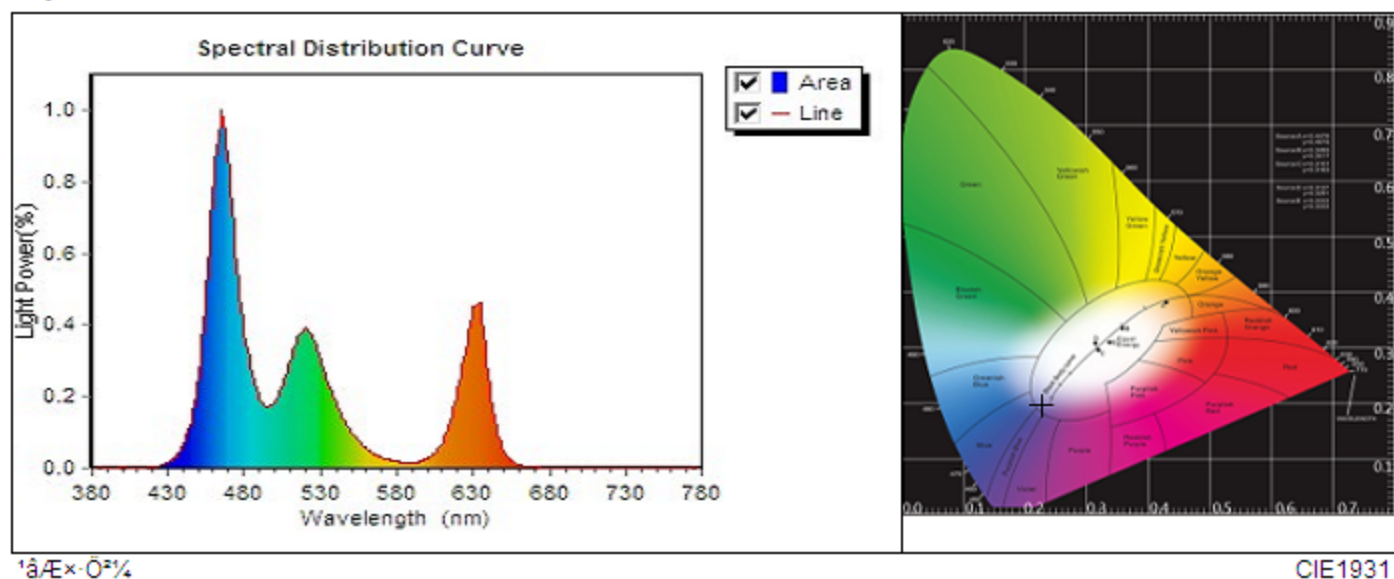
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 53676 (81.9%)
Integral time. : 32ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2255$ $y=0.2459$ $u=0.1640$ $v=0.2682$ ($duv=-0.0187$)
Color temperature: $TC=100000$ K Color difference: $SDCM=59.1$ Main Wavelength: $\lambda_d=480.01$ nm Purity: $Purity=0.61$
Peak wavelength: $\lambda_p=465.2$ nm FWHM: $\Delta\lambda_p=21.9$ nm Color ratio: $R=18.17\%$ $G=67.42\%$ $B=14.42\%$

Color rendering index (Ra): $Ra=58.4$

$R1=53.3$ $R2=62.0$ $R3=70.9$ $R4=67.0$ $R5=72.3$ $R6=64.9$ $R7=56.6$ $R8=20.1$
 $R9=-168.8$ $R10=12.6$ $R11=74.4$ $R12=61.1$ $R13=47.0$ $R14=80.7$ $R15=30.0$

Optical Parameter

Luminous flux: 50.739 lm Luminous efficiency: 50.74 lm/w Radiant flux: 0.2338 W

Electrical Parameter

Voltage: 48 V Current: 0.037 A Watto: 1.824 W Power factor:

MEASUREFINE

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