



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

Spectral test report for lamp

Product type : PROYECTOR SOLAR
Product No. : SL21-20-BF
Manufacturer : BLED

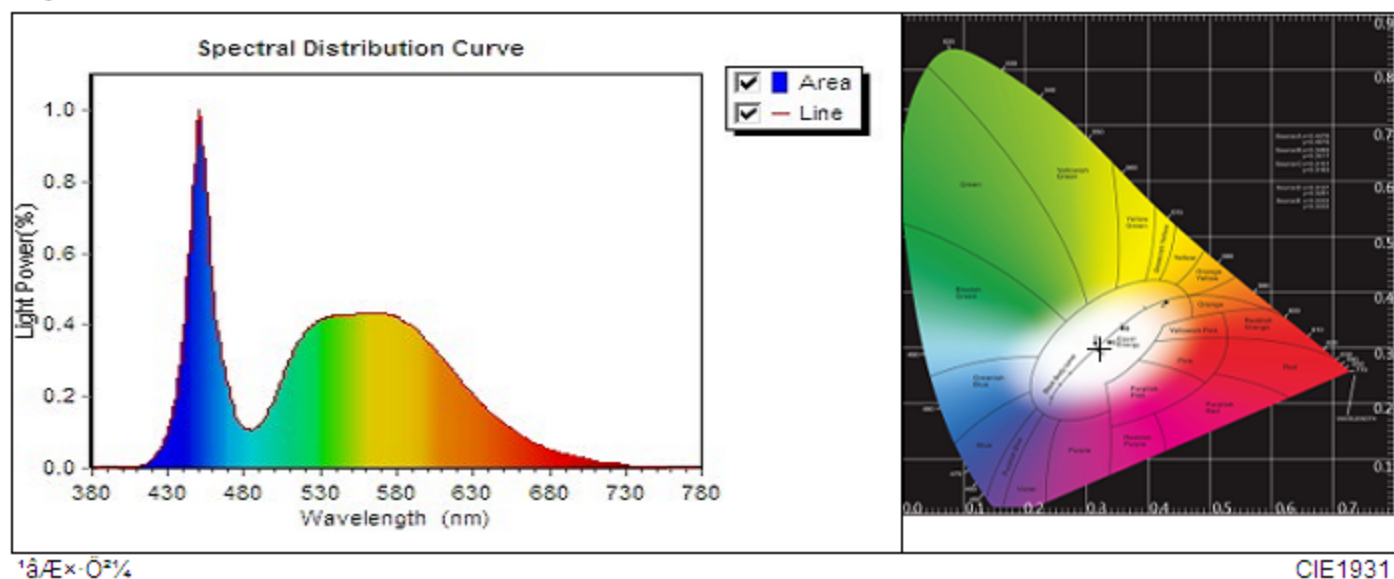
Test date. : 2022-02-17
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 47251 (72.1%)
Integral time. : 544ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3172$ $y=0.3399$ $u=0.1969$ $v=0.3165$ ($duv=0.0065$)
Color temperature: $TC=6208$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.335$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=17.0$ nm Color ratio: $R=13.34\%$ $G=82.89\%$ $B=3.77\%$

Color rendering index (Ra): $Ra=73.3$

$R1=70.1$ $R2=78.0$ $R3=83.1$ $R4=73.6$ $R5=71.4$ $R6=69.7$ $R7=82.7$ $R8=57.7$
 $R9=-36.3$ $R10=47.5$ $R11=71.2$ $R12=40.7$ $R13=72.8$ $R14=90.8$ $R15=64.1$

Optical Parameter

Luminous flux: 282.849 lm luminous efficiency: lm/w Radiant flux: 0.85 W

Electrical Parameter

Voltage: Current: Wattle: Power factor:

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