



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1850-35W-N (BF)
Manufacturer : BLED

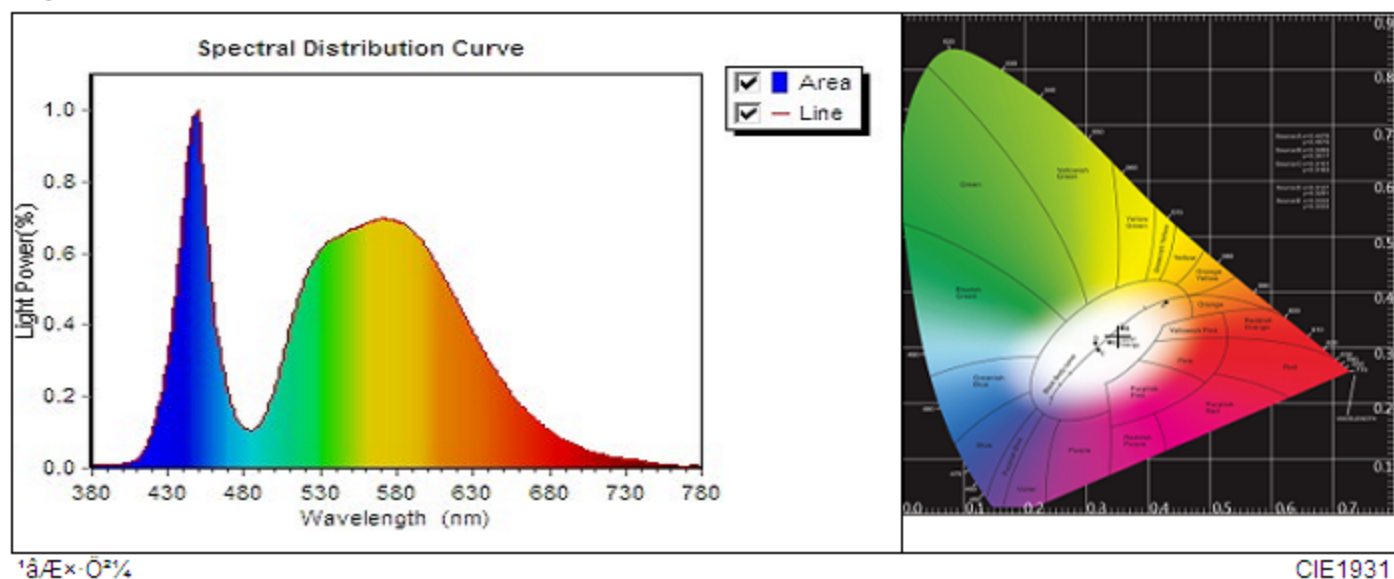
Test date. : 2024-07-18
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 43097 (65.8%)
Integral time. : 60ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3466$ $y=0.3609$ $u=0.2089$ $v=0.3262$ ($duv=0.0040$)
Color temperature: $TC=4977$ K Color difference: $SDCM=0.7$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.256$
Peak wavelength: $\lambda_p=447.9$ nm FWHM: $\Delta\lambda_p=23.6$ nm Color ratio: $R=15.31\%$ $G=82.11\%$ $B=2.58\%$

Color rendering index (Ra): $Ra=70.4$

$R1=67.5$ $R2=74.9$ $R3=80.5$ $R4=71.2$ $R5=68.0$ $R6=65.4$ $R7=80.6$ $R8=54.9$
 $R9=-37.2$ $R10=40.4$ $R11=67.6$ $R12=38.2$ $R13=69.2$ $R14=89.0$ $R15=61.4$

Optical Parameter

Luminous flux: 4055.922 lm luminous efficiency: 117.56 lm/w Radiant flux: 11.8829 W

Electrical Parameter

Voltage: 229.9 V Current: 0.161 A Watte: 34.50 W Power factor: 0.929

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