



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1242-B-20W-BF
Manufacturer : BLED

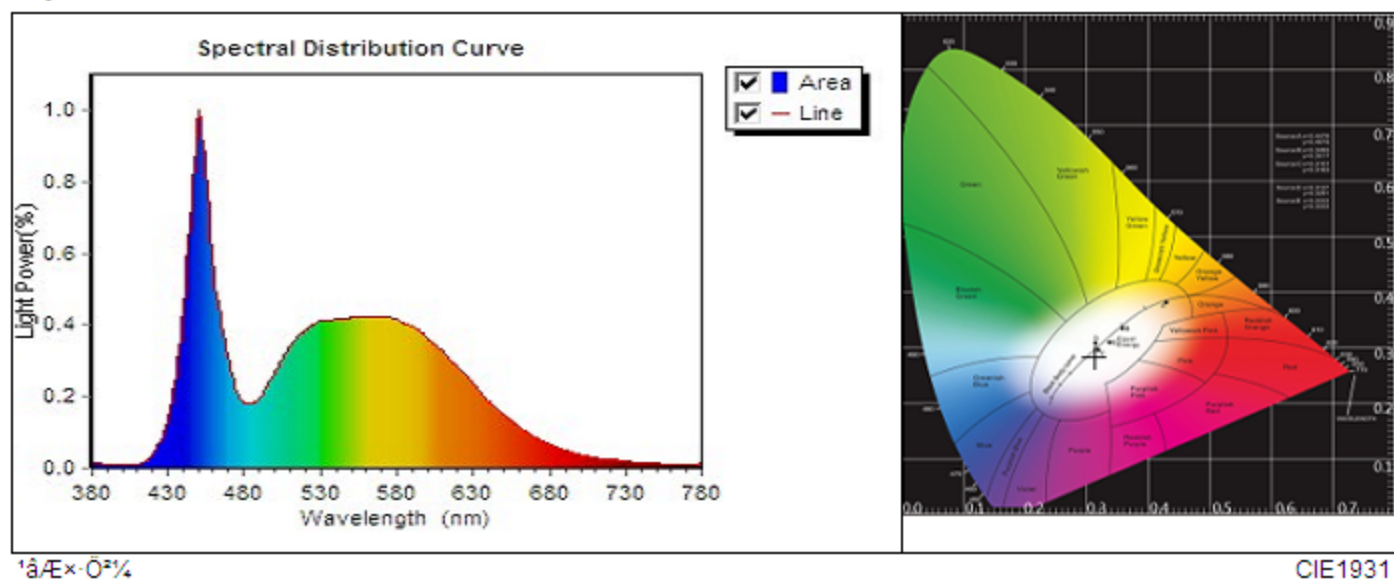
Test date. : 2021-03-16
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51632 (78.8%)
Integral time. : 10ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3098$ $y=0.3253$ $u=0.1972$ $v=0.3106$ ($duv=0.0027$)
Color temperature: $TC=6698$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=482.06$ nm Purity: $Purity=0.362$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=20.0$ nm Color ratio: $R=14.07\%$ $G=81.10\%$ $B=4.82\%$

Color rendering index (Ra): $Ra=80.7$

$R1=79.0$ $R2=84.7$ $R3=87.3$ $R4=81.3$ $R5=79.9$ $R6=78.0$ $R7=86.8$ $R8=68.1$
 $R9=-1.9$ $R10=62.5$ $R11=80.3$ $R12=53.2$ $R13=81.1$ $R14=93.2$ $R15=74.7$

Optical Parameter

Luminous flux: 2108.234 lm luminous efficiency: 102.84 lm/w Radiant flux: 6.8187 W

Electrical Parameter

Voltage: 230.2 V Current: 0.154 A Watts: 20.50 W Power factor: 0.579

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