



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1040-B-22W-BF
Manufacturer : BLED

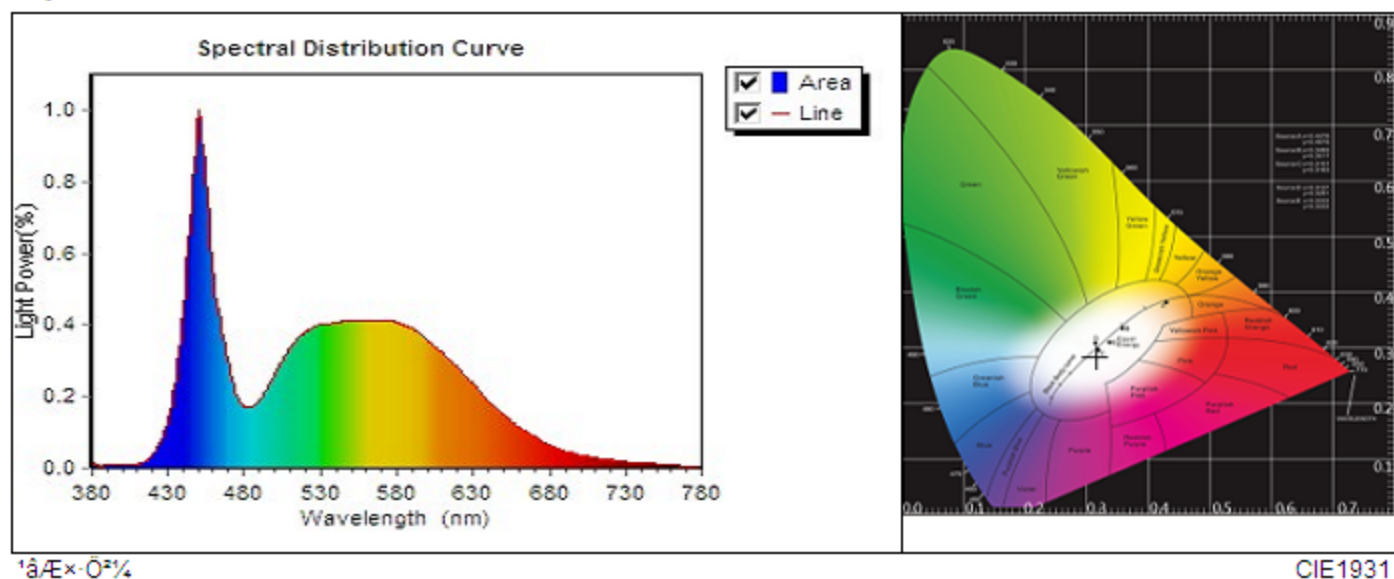
Test date. : 2021-03-12
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 40980 (62.5%)
Integral time. : 57ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3104$ $y=0.3251$ $u=0.1977$ $v=0.3106$ ($duv=0.0024$)
Color temperature: $TC=6666$ K Color difference: $SDCM=4.5$ Main Wavelength: $\lambda_d=482.1$ nm Purity: $Purity=0.362$
Peak wavelength: $\lambda_p=450.4$ nm FWHM: $\Delta\lambda_p=19.9$ nm Color ratio: $R=14.21\%$ $G=81.02\%$ $B=4.78\%$

Color rendering index (Ra): $Ra=81$

$R1=79.6$ $R2=84.8$ $R3=87.1$ $R4=81.9$ $R5=80.4$ $R6=78.1$ $R7=86.8$ $R8=68.8$
 $R9=0.4$ $R10=62.8$ $R11=81.0$ $R12=53.5$ $R13=81.5$ $R14=93.1$ $R15=75.4$

Optical Parameter

Luminous flux: 2388.051 lm Luminous efficiency: 105.2 lm/w Radiant flux: 7.7101 W

Electrical Parameter

Voltage: 230.2 V Current: 0.164 A Watts: 22.70 W Power factor: 0.602

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