



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1230-B-18W-BN
Manufacturer : BLED

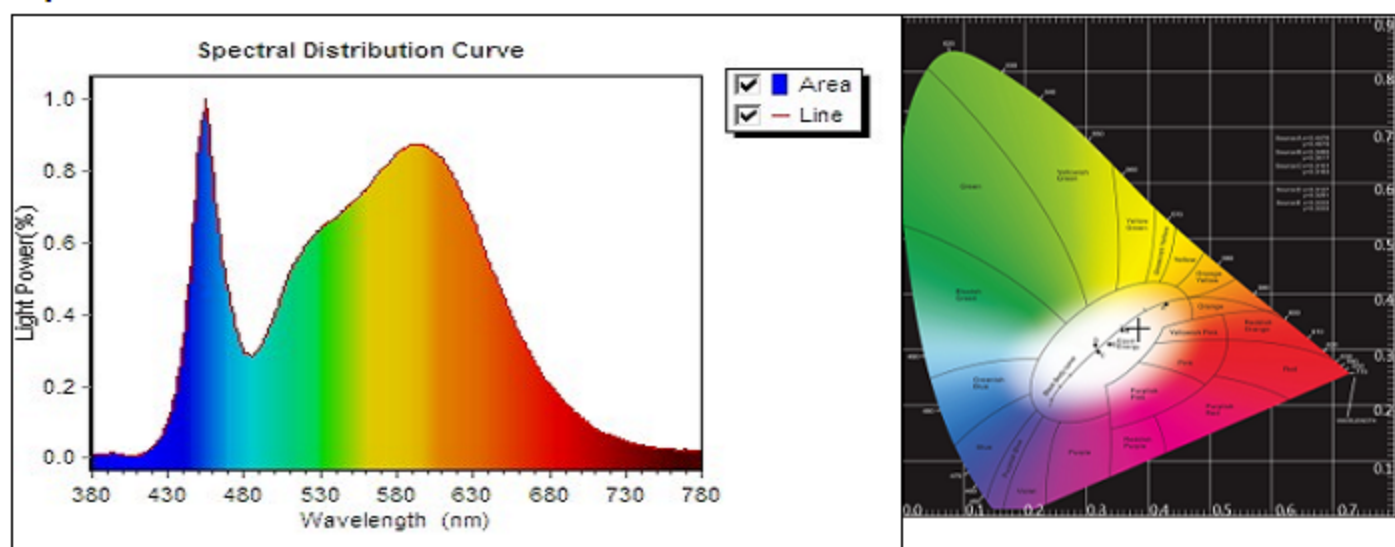
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51411 (78.4%)
Integral time. : 150ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3780$ $y=0.3767$ $u=0.2235$ $v=0.3341$ ($duv=0.0007$)

Color temperature: $TC=4067$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=485.03$ nm Purity: $Purity=0.176$

Peak wavelength: $\lambda_p=454.2$ nm FWHM: $\lambda_p=24.2$ nm Color ratio: $R=19.68\%$ $G=76.82\%$ $B=3.50\%$

Color rendering index (Ra): $Ra=83.8$

$R1=82.3$ $R2=90.6$ $R3=95.5$ $R4=81.5$ $R5=81.9$ $R6=86.1$ $R7=86.2$ $R8=65.5$

$R9=11.8$ $R10=76.8$ $R11=80.3$ $R12=60.0$ $R13=85.3$ $R14=97.8$ $R15=76.5$

Optical Parameter

Luminous flux: 2038.529 lm luminous efficiency: 100.42 lm/w Radiant flux: 6.2354 W

Electrical Parameter

Voltage: 230.2 V Current: 0.149 A Wate: 20.30 W Power factor: 0.588

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