



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B8590-CCT_BF
Manufacturer : BLED

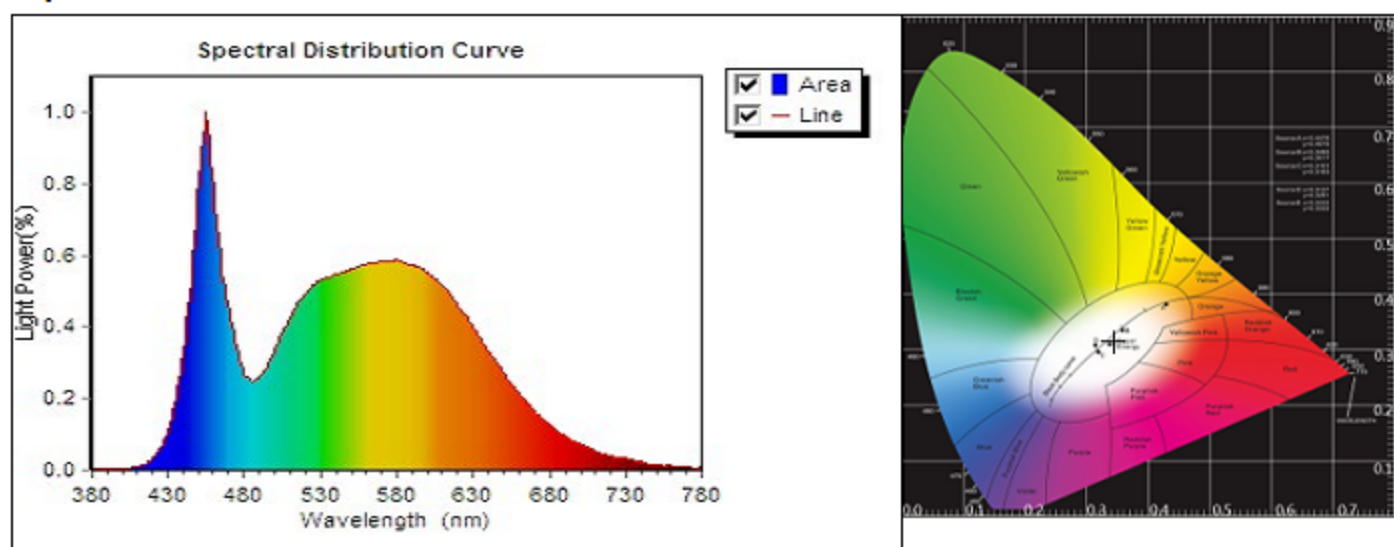
Test date. : 2019-09-13
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 45649 (69.7%)
Integral time. : 41ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3402$ $y=0.3559$ $u=0.2065$ $v=0.3240$ ($duv=0.0041$)

Color temperature: $TC=5200$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.274$

Peak wavelength: $\lambda_p=454.8$ nm FWHM: $\lambda_p=22.7$ nm Color ratio: $R=16.47\%$ $G=79.15\%$ $B=4.39\%$

Color rendering index (Ra): $Ra=82.9$

$R1=81.2$ $R2=88.9$ $R3=92.9$ $R4=81.1$ $R5=81.2$ $R6=83.5$ $R7=86.9$ $R8=67.0$

$R9=8.0$ $R10=72.5$ $R11=79.5$ $R12=59.7$ $R13=84.1$ $R14=96.3$ $R15=76.4$

Optical Parameter

Luminous flux: 4698.32 lm luminous efficiency: 120.78 lm/w Radiant flux: 14.6379 W

Electrical Parameter

Voltage: 230.4 V Current: 0.174 A Wate: 38.90 W Power factor: 0.968

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