



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1030-B-18W-BN
Manufacturer : BLED

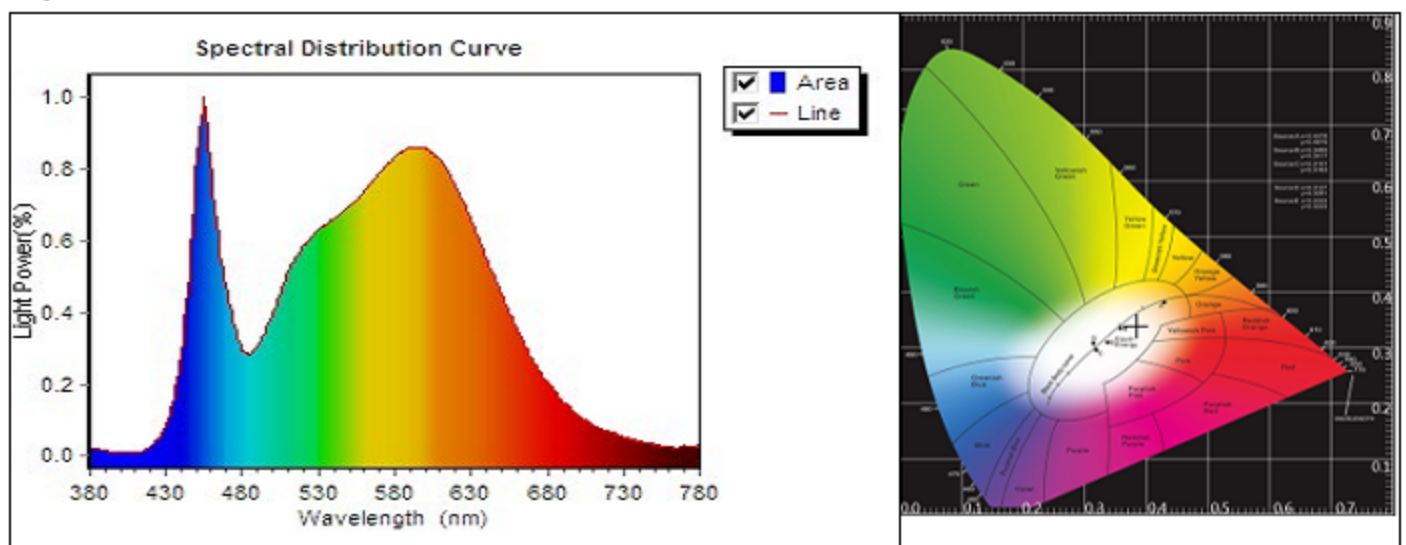
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 31684 (48.3%)
Integral time. : 93ms

Spectral Parameter



1â€x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3792$ $y=0.3784$ $u=0.2236$ $v=0.3348$ ($duv=0.0012$)

Color temperature: $TC=4047$ K Color difference: $SDCM=0.6$ Main Wavelength: $\lambda_d=485.07$ nm Purity: $Purity=0.172$

Peak wavelength: $\lambda_p=454.6$ nm FWHM: $\lambda_p=23.1$ nm Color ratio: $R=19.78\%$ $G=76.70\%$ $B=3.52\%$

Color rendering index (Ra): $Ra=84$

$R1=82.6$ $R2=90.9$ $R3=95.8$ $R4=81.6$ $R5=82.1$ $R6=86.6$ $R7=86.3$ $R8=65.8$

$R9=12.9$ $R10=77.6$ $R11=80.5$ $R12=59.8$ $R13=85.7$ $R14=98.0$ $R15=76.7$

Optical Parameter

Luminous flux: 1980.906 lm luminous efficiency: 104.26 lm/w Radiant flux: 6.0746 W

Electrical Parameter

Voltage: 230.1 V Current: 0.140 A Wate: 19.00 W Power factor: 0.585

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