



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1240-B-4W-BN
Manufacturer : BLED

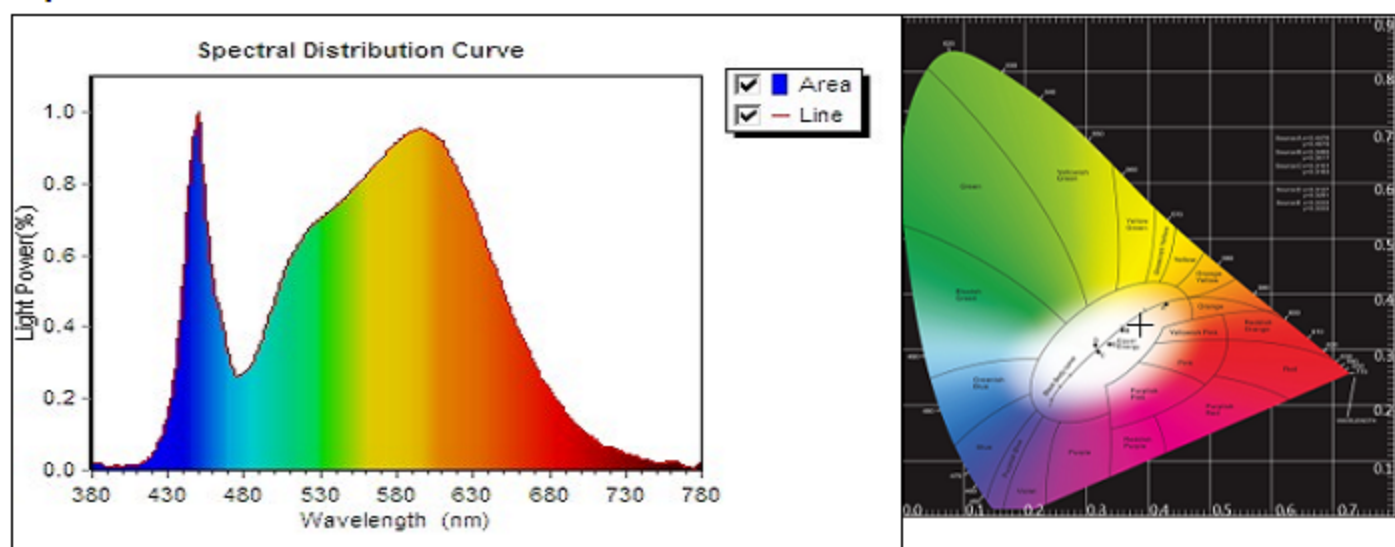
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 47948 (73.2%)
Integral time. : 926ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3831$ $y=0.3839$ $u=0.2240$ $v=0.3367$ ($duv=0.0025$)

Color temperature: $TC=3981$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=486.08$ nm Purity: $Purity=0.16$

Peak wavelength: $\lambda_p=448.8$ nm FWHM: $\Delta\lambda_p=21.7$ nm Color ratio: $R=19.77\%$ $G=77.13\%$ $B=3.10\%$

Color rendering index (Ra): $Ra=83.2$

$R1=81.3$ $R2=88.2$ $R3=94.3$ $R4=83.3$ $R5=81.5$ $R6=84.1$ $R7=87.1$ $R8=65.7$

$R9=9.6$ $R10=72.5$ $R11=82.6$ $R12=63.1$ $R13=83.5$ $R14=96.8$ $R15=74.9$

Optical Parameter

Luminous flux: 289.744 lm luminous efficiency: 68.99 lm/w Radiant flux: 0.874 W

Electrical Parameter

Voltage: 230.5 V Current: 0.031 A Wate: 4.20 W Power factor: 0.574

MEASUREFINE

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