



Spectral test report for lamp

Product type : LED Inground Light
Product No. : BA50010-BN
Manufacturer : BLED

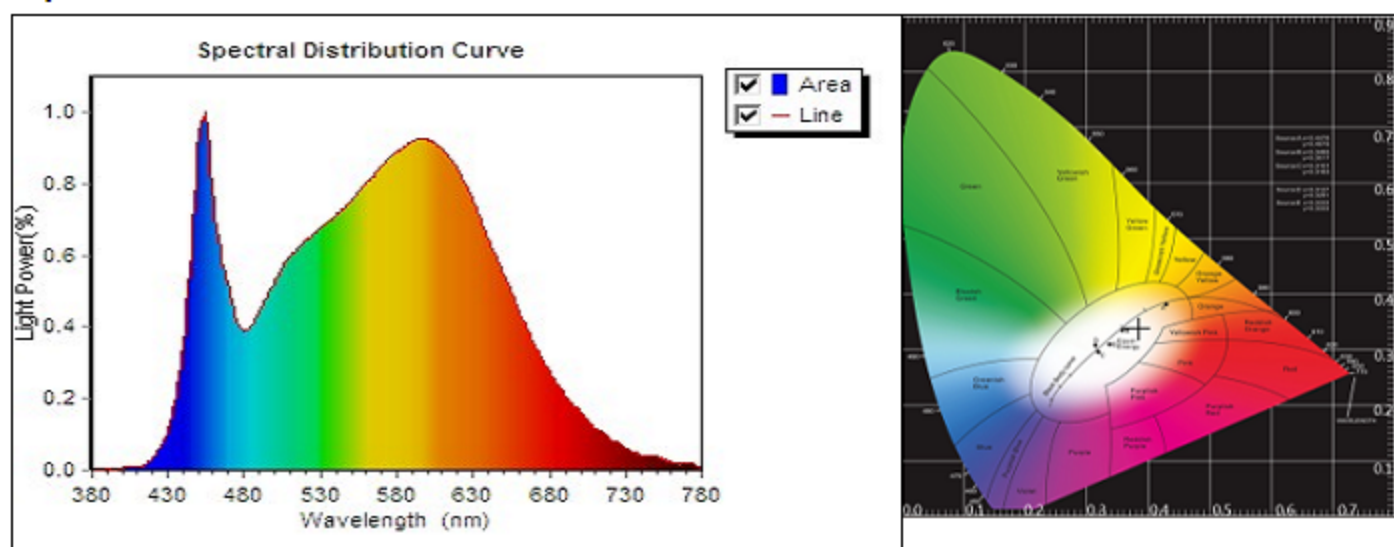
Test date. : 2024-08-16
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50072 (76.4%)
Integral time. : 353ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3776$ $y=0.3772$ $u=0.2231$ $v=0.3342$ ($duv=0.0010$)

Color temperature: $TC=4080$ K Color difference: $SDCM=1.2$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.177$

Peak wavelength: $\lambda_p=453.3$ nm FWHM: $\lambda_p=27.0$ nm Color ratio: $R=20.07\%$ $G=75.98\%$ $B=3.95\%$

Color rendering index (Ra): $Ra=87.3$

$R1=86.3$ $R2=93.8$ $R3=96.9$ $R4=85.1$ $R5=86.1$ $R6=90.6$ $R7=87.9$ $R8=71.2$

$R9=28.4$ $R10=84.9$ $R11=84.9$ $R12=67.9$ $R13=89.1$ $R14=98.8$ $R15=81.0$

Optical Parameter

Luminous flux: 19.819 lm Luminous efficiency: 47.19 lm/w Radiant flux: 0.0625 W

Electrical Parameter

Voltage: 12.0 V Current: 0.035 A Watte: 0.42 W Power factor: 1.000

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