



Spectral test report for lamp

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

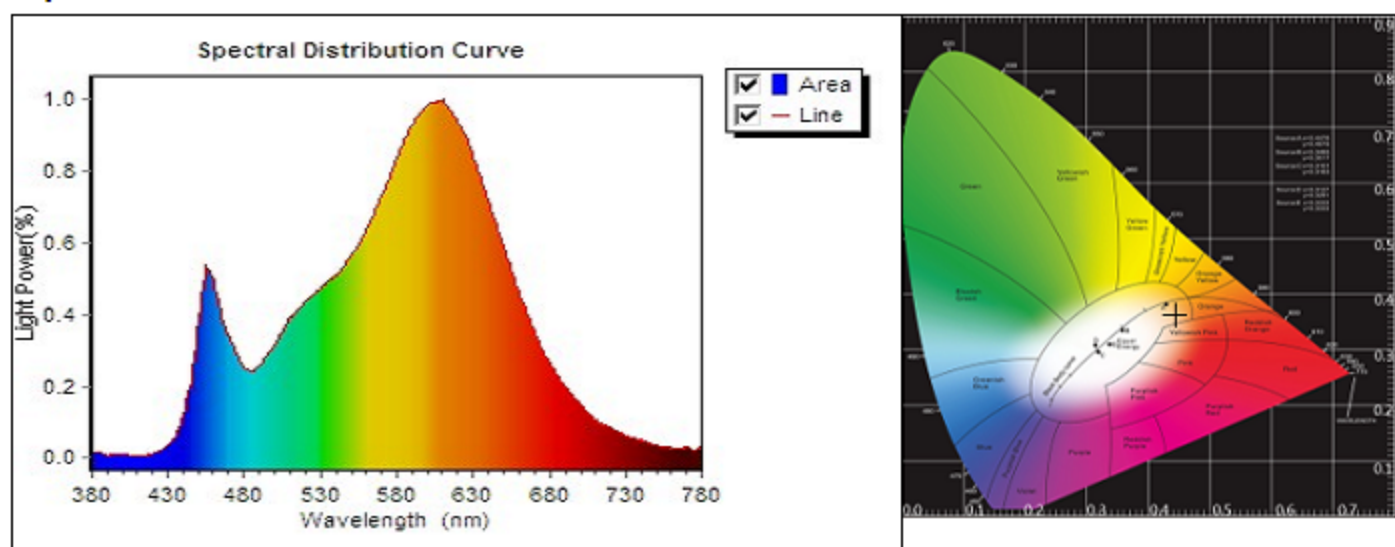
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 32999 (50.4%)
Integral time. : 93ms

Spectral Parameter



1â€¦x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4387$ $y=0.4005$ $u=0.2533$ $v=0.3468$ ($duv=-0.0017$)

Color temperature: $TC=2941$ K Color difference: $SDCM=1.1$ Main Wavelength: $\lambda_d=480.04$ nm Purity: $Purity=0.025$

Peak wavelength: $\lambda_p=608.6$ nm FWHM: $\lambda_p=120.2$ nm Color ratio: $R=25.64\%$ $G=71.63\%$ $B=2.73\%$

Color rendering index (Ra): $Ra=84.4$

$R1=84.5$ $R2=95.4$ $R3=92.5$ $R4=81.6$ $R5=85.1$ $R6=94.4$ $R7=81.0$ $R8=60.1$

$R9=14.5$ $R10=89.3$ $R11=81.9$ $R12=76.5$ $R13=88.3$ $R14=96.7$ $R15=76.8$

Optical Parameter

Luminous flux: 1899.826 lm luminous efficiency: 99.99 lm/w Radiant flux: 5.9053 W

Electrical Parameter

Voltage: 230.2 V Current: 0.138 A Wate: 19.00 W Power factor: 0.595

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