



Spectral test report for lamp

Product type : LINEAL LED DOWNLIGHT
Product No. : B1216-B-BC
Manufacturer : BLED

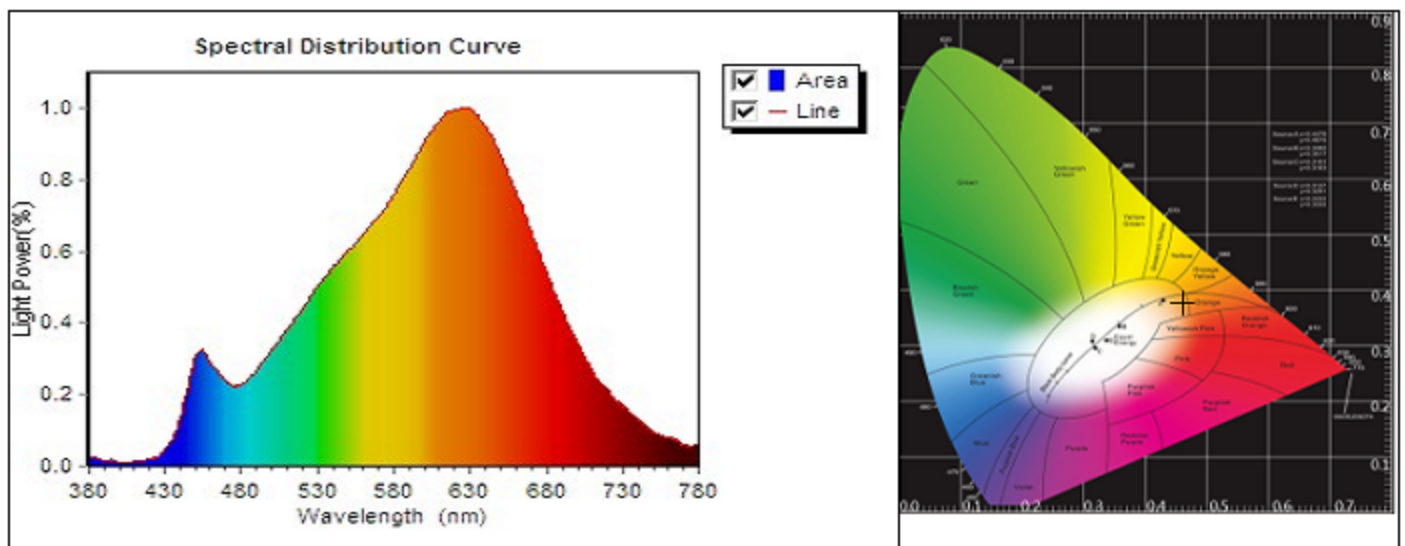
Test date. : 2023-07-06
Test equipment : SPEC2000A Spectrometer
Operator. : BL2023021HT

Test Condition

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

Humidity : 65%
Peak AD. : 51648 (78.8%)
Integral time. : 228ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4556$ $y=0.4139$ $u=0.2583$ $v=0.3520$ ($duv=0.0016$)

Color temperature: $TC=2786$ K Color difference: $SDCM=4.2$ Main Wavelength: $\lambda_d=580.08$ nm Purity: $Purity=0.101$

Peak wavelength: $\lambda_p=627.7$ nm FWHM: $\lambda_p=154.0$ nm Color ratio: $R=27.29\%$ $G=70.35\%$ $B=2.36\%$

Color rendering index (Ra): $Ra=92.9$

$R1=92.8$ $R2=96.4$ $R3=98.6$ $R4=92.4$ $R5=92.2$ $R6=95.9$ $R7=92.4$ $R8=82.0$

$R9=59.9$ $R10=90.3$ $R11=92.8$ $R12=82.6$ $R13=94.0$ $R14=98.3$ $R15=88.6$

Optical Parameter

Luminous flux: 1480.294 lm luminous efficiency: 72.21 lm/w Radiant flux: 5.2516 W

Electrical Parameter

Voltage: 230.2 V Current: 0.094 A Wate: 20.50 W Power factor: 0.948

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