



Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO
Product No. : HPBM-40W-N-JOY
Manufacturer : BLED

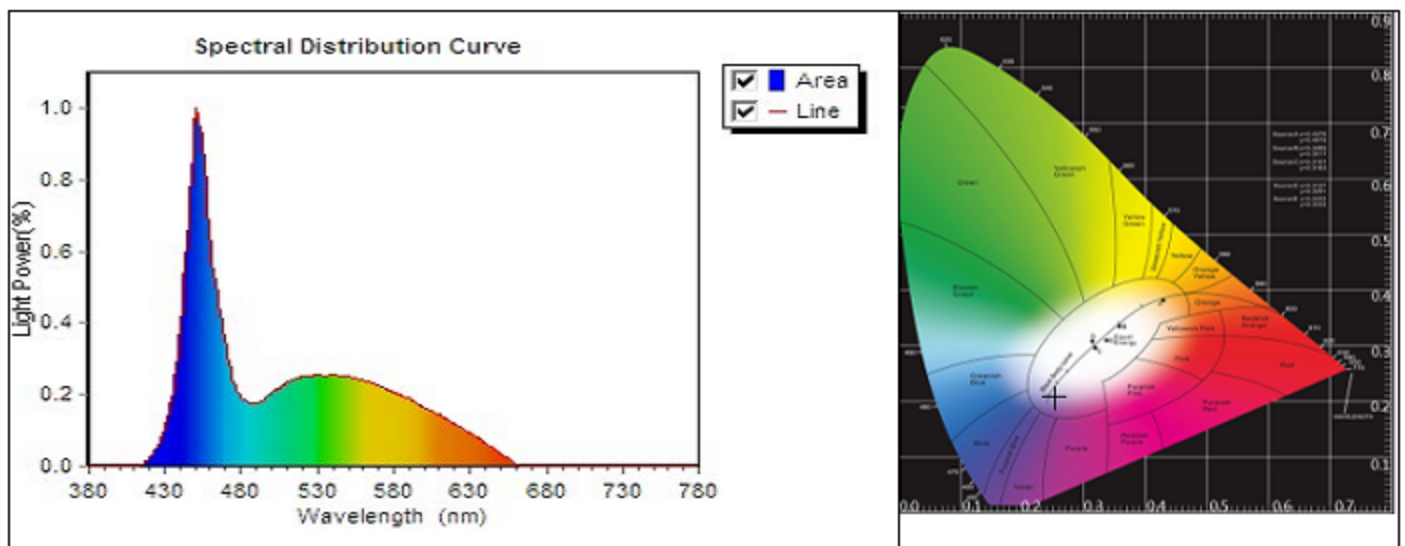
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51673 (78.8%)
Integral time. : 42ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.2492$ $y=0.2558$ $u=0.1789$ $v=0.2755$ ($duv=0.0042$)

Color temperature: $TC=24760$ K Color difference: $SDCM=42.7$ Main Wavelength: $\lambda_d=480.06$ nm Purity: $Purity=0.555$

Peak wavelength: $\lambda_p=451.3$ nm FWHM: $\lambda_p=21.0$ nm Color ratio: $R=10.15\%$ $G=81.45\%$ $B=8.40\%$

Color rendering index (Ra): $Ra=79.8$

$R1=77.8$ $R2=85.7$ $R3=84.7$ $R4=77.1$ $R5=77.5$ $R6=76.9$ $R7=88.4$ $R8=69.5$

$R9=-17.2$ $R10=61.3$ $R11=76.6$ $R12=41.9$ $R13=82.0$ $R14=92.2$ $R15=73.7$

Optical Parameter

Luminous flux: 2553.482 lm luminous efficiency: 61.09 lm/w Radiant flux: 9.4145 W

Electrical Parameter

Voltage: 230.7 V Current: 0.187 A Wate: 41.80 W Power factor: 0.969

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