



Spectral test report for lamp

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

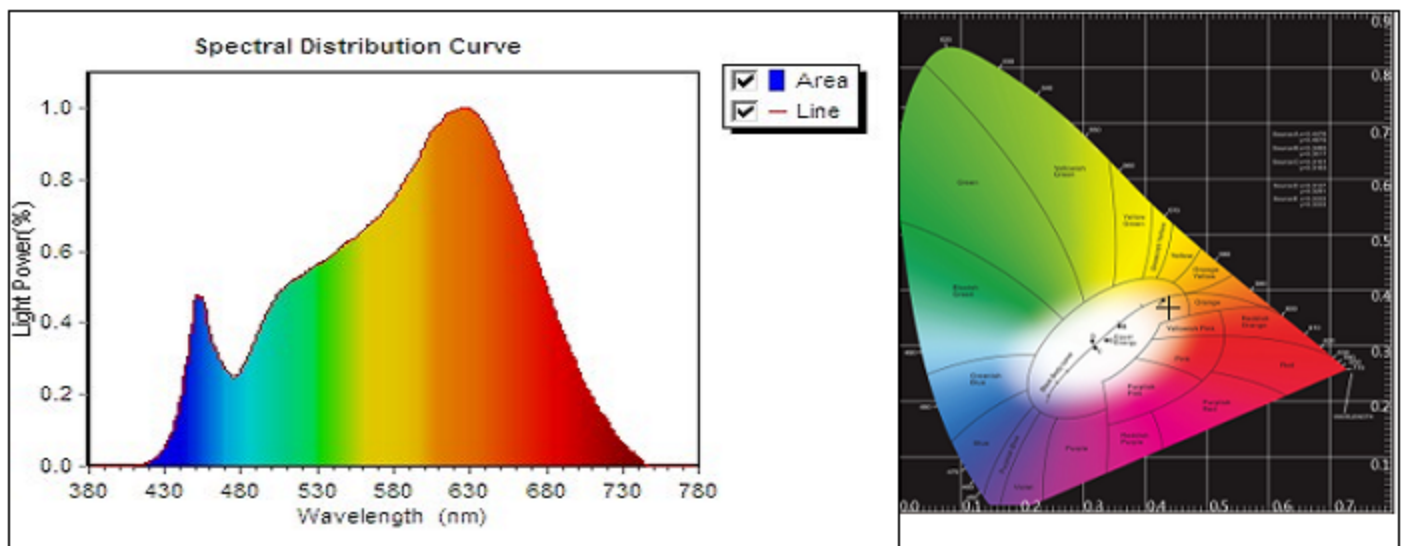
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 36084 (55.1%)
Integral time. : 82ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4332$ $y=0.4055$ $u=0.2476$ $v=0.3476$ ($duv=0.0011$)

Color temperature: $TC=3076K$ Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=489.1nm$ Purity: $Purity=0.035$

Peak wavelength: $\lambda_p=626.2 nm$ FWHM: $\lambda_p=171.7 nm$ Color ratio: $R=25.97\%$ $G=71.09\%$ $B=2.94\%$

Color rendering index (Ra): $Ra=96.9$

$R1=98.1$ $R2=99.6$ $R3=99.6$ $R4=98.5$ $R5=98.1$ $R6=97.4$ $R7=94.5$ $R8=88.9$

$R9=75.0$ $R10=98.6$ $R11=98.2$ $R12=86.8$ $R13=99.2$ $R14=99.2$ $R15=94.0$

Optical Parameter

Luminous flux: $2885.979 lm$ luminous efficiency: $71.44 lm/w$ Radiant flux: $9.7928 W$

Electrical Parameter

Voltage: $230.6 V$ Current: $0.181 A$ Wate: $40.40 W$ Power factor: 0.964

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