



Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : HPBT-40W-B-FYV
Manufacturer : BLED

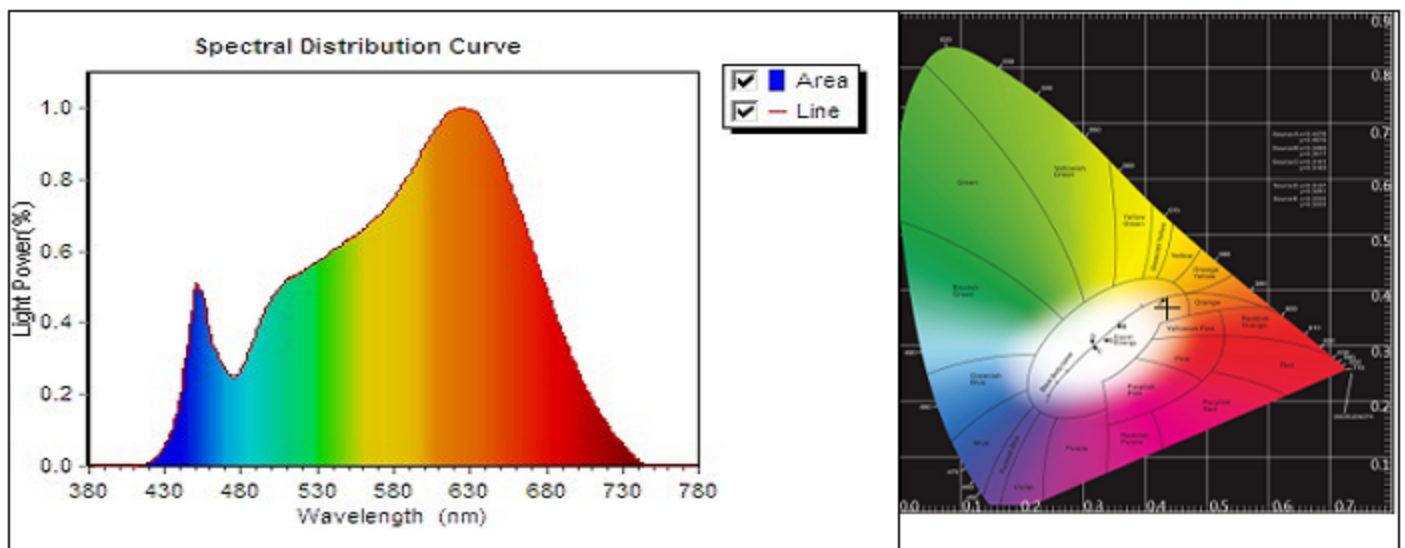
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 33788 (51.6%)
Integral time. : 82ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4308$ $y=0.4047$ $u=0.2463$ $v=0.3471$ ($duv=0.0011$)

Color temperature: $TC=3112K$ Color difference: $SDCM=6.3$ Main Wavelength: $\lambda_d=488.06nm$ Purity: $Purity=0.041$

Peak wavelength: $\lambda_p=624.6 nm$ FWHM: $\lambda_p=174.1 nm$ Color ratio: $R=25.79\%$ $G=71.23\%$ $B=2.99\%$

Color rendering index (Ra): $Ra=97.2$

$R1=98.5$ $R2=99.7$ $R3=99.7$ $R4=99.1$ $R5=98.5$ $R6=97.4$ $R7=95.0$ $R8=89.8$

$R9=76.8$ $R10=98.8$ $R11=97.5$ $R12=87.0$ $R13=99.5$ $R14=99.1$ $R15=94.5$

Optical Parameter

Luminous flux: 2726.827 lm luminous efficiency: 71.38 lm/w Radiant flux: 9.232 W

Electrical Parameter

Voltage: 230.3 V Current: 0.175 A Wate: 38.20 W Power factor: 0.946

MEASUREFINE

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