



Spectral test report for lamp

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

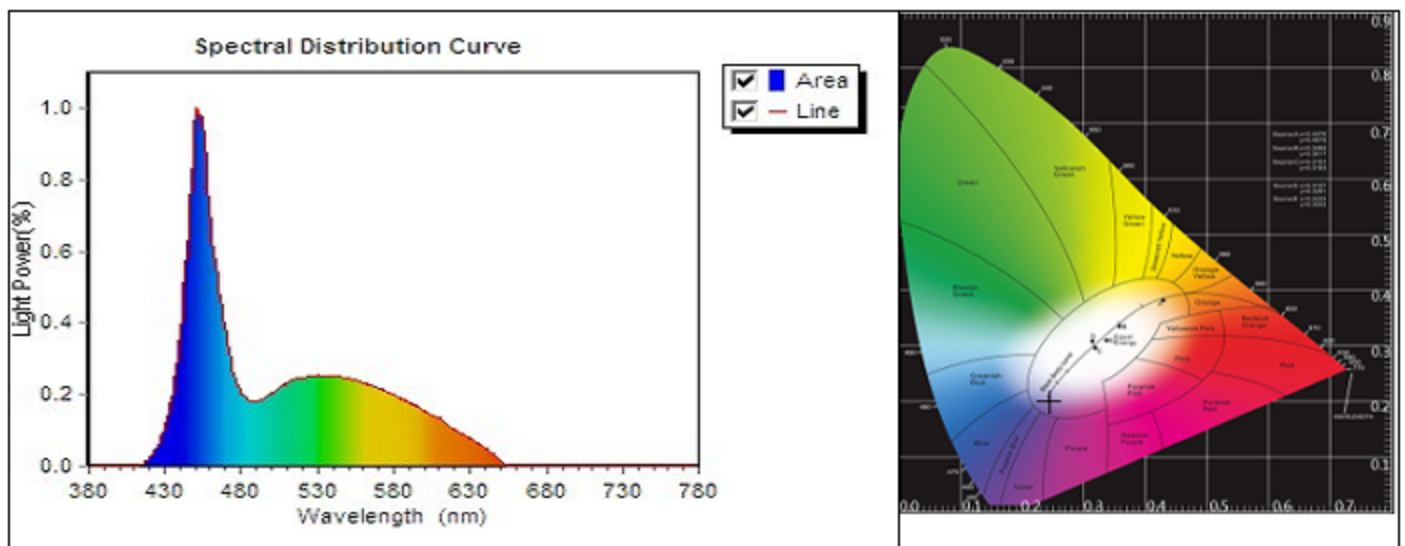
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 45330 (69.2%)
Integral time. : 42ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.2414$ $y=0.2490$ $u=0.1754$ $v=0.2714$ ($duv=-0.0070$)

Color temperature: $TC=40825$ K Color difference: $SDCM=48.1$ Main Wavelength: $\lambda_d=480.05$ nm Purity: $Purity=0.578$

Peak wavelength: $\lambda_p=452.1$ nm FWHM: $\lambda_p=21.5$ nm Color ratio: $R=9.28\%$ $G=81.69\%$ $B=9.03\%$

Color rendering index (Ra): $Ra=77.6$

$R1=74.7$ $R2=85.2$ $R3=84.9$ $R4=72.4$ $R5=74.8$ $R6=76.7$ $R7=86.7$ $R8=65.1$

$R9=-37.1$ $R10=60.2$ $R11=71.8$ $R12=39.6$ $R13=80.1$ $R14=92.2$ $R15=69.2$

Optical Parameter

Luminous flux: 2093.491 lm luminous efficiency: 54.52 lm/w Radiant flux: 7.8597 W

Electrical Parameter

Voltage: 230.3 V Current: 0.176 A Wate: 38.40 W Power factor: 0.945

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