



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

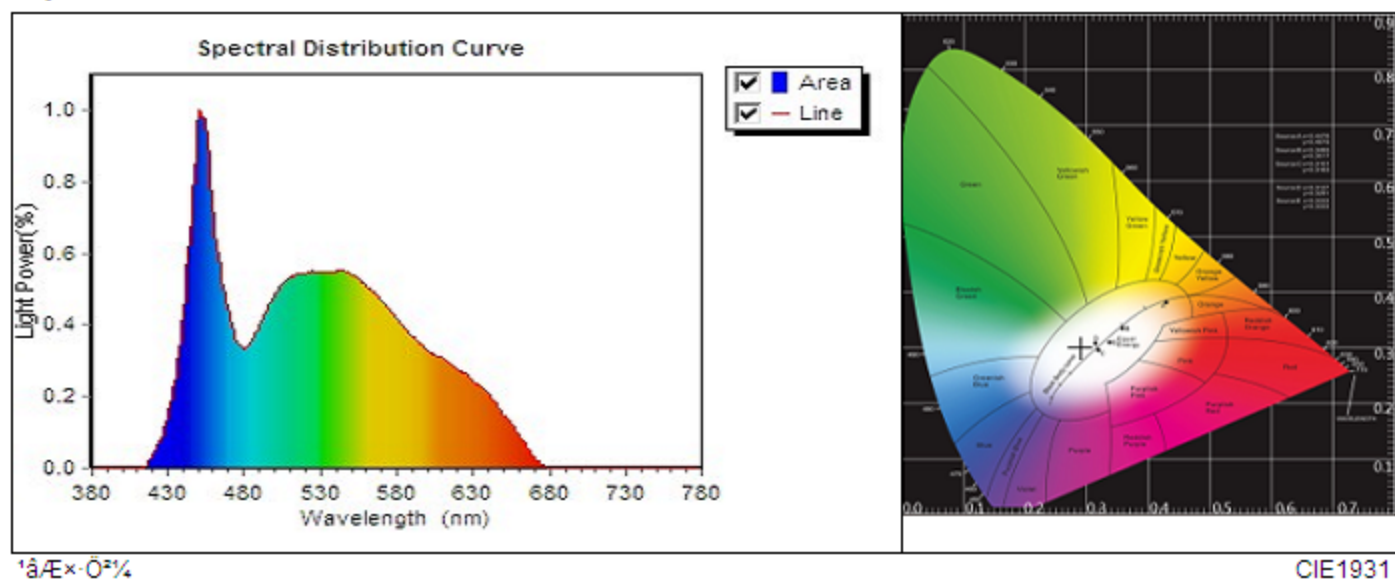
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 33533 (51.2%)
Integral time. : 52ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2860$ $y=0.3415$ $u=0.1753$ $v=0.3140$ ($duv=0.0230$)
Color temperature: $TC=7842$ K Color difference: $SDCM=27.1$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.404$
Peak wavelength: $\lambda_p=452.0$ nm FWHM: $\Delta\lambda_p=24.5$ nm Color ratio: $R=11.16\%$ $G=82.74\%$ $B=6.10\%$

Color rendering index (Ra): $Ra=77.5$

$R1=69.3$ $R2=82.0$ $R3=93.7$ $R4=71.8$ $R5=72.5$ $R6=78.8$ $R7=88.8$ $R8=62.4$
 $R9=-27.5$ $R10=62.3$ $R11=68.8$ $R12=51.4$ $R13=73.6$ $R14=95.6$ $R15=62.2$

Optical Parameter

Luminous flux: 2621.092 lm luminous efficiency: 67.73 lm/w Radiant flux: 8.0686 W

Electrical Parameter

Voltage: 230.2 V Current: 0.176 A Watts: 38.70 W Power factor: 0.950

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