



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : HPBT-40W-N-PYM
Manufacturer : BLED

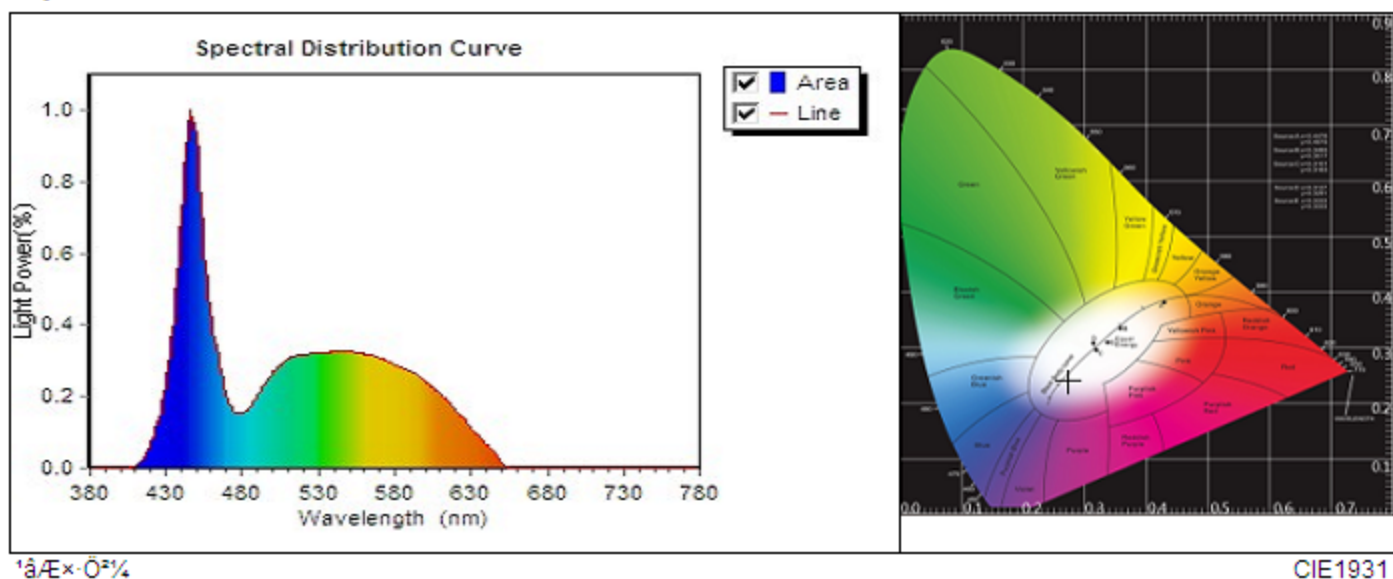
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 45938 (70.1%)
Integral time. : 52ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2707$ $y=0.2859$ $u=0.1839$ $v=0.2912$ ($duv=0.0050$)
Color temperature: $TC=11400$ K Color difference: $SDCM=27.1$ Main Wavelength: $\lambda_d=481.08$ nm Purity: $Purity=0.481$
Peak wavelength: $\lambda_p=446.6$ nm FWHM: $\Delta\lambda_p=20.4$ nm Color ratio: $R=10.79\%$ $G=83.21\%$ $B=6.01\%$

Color rendering index (Ra): $Ra=75.1$

$R1=72.1$ $R2=78.0$ $R3=81.9$ $R4=77.4$ $R5=75.7$ $R6=72.5$ $R7=83.0$ $R8=60.1$
 $R9=-52.5$ $R10=47.5$ $R11=77.5$ $R12=50.5$ $R13=74.1$ $R14=90.4$ $R15=64.7$

Optical Parameter

Luminous flux: 2421.836 lm luminous efficiency: 61.94 lm/w Radiant flux: 8.1011 W

Electrical Parameter

Voltage: 230.3 V Current: 0.178 A Watte: 39.10 W Power factor: 0.952

MEASUREFINE

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