



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-B-PAN
Manufacturer : BLED

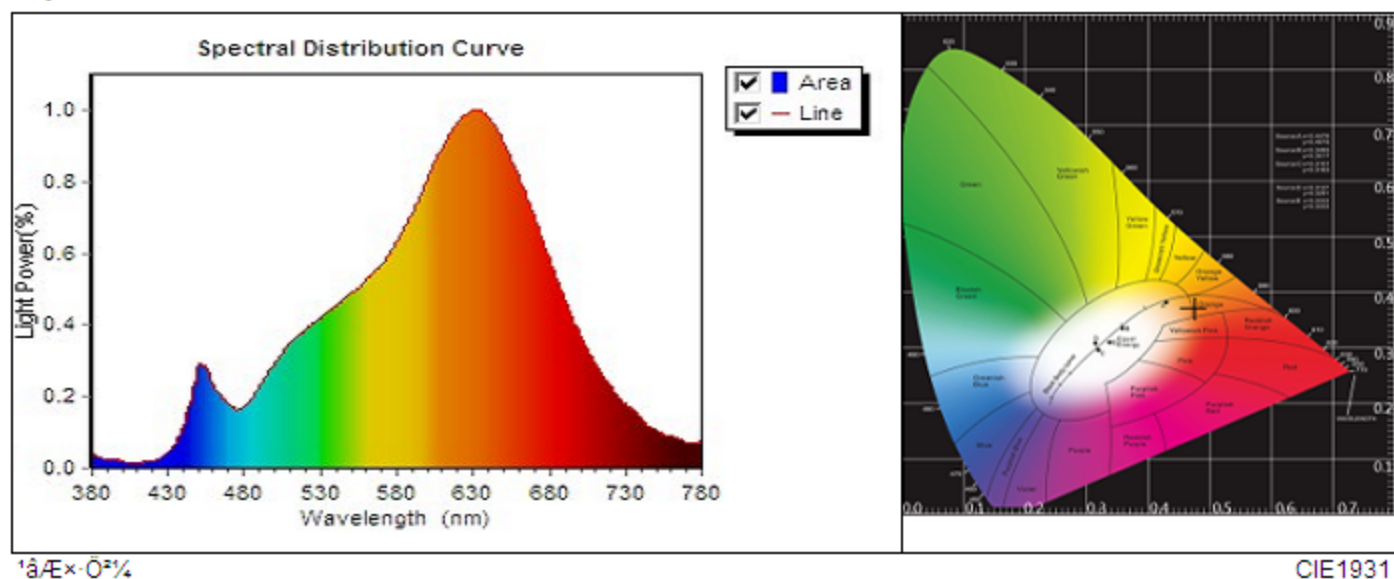
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40800 (62.3%)
Integral time. : 100ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4675$ $y=0.4073$ $u=0.2689$ $v=0.3515$ ($duv=-0.0017$)
Color temperature: $TC=2572$ K Color difference: $SDCM=8.5$ Main Wavelength: $\lambda_d=490$ nm Purity: $Purity=0.048$
Peak wavelength: $\lambda_p=632.5$ nm FWHM: $\Delta\lambda_p=134.0$ nm Color ratio: $R=30.12\%$ $G=67.64\%$ $B=2.24\%$

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

$R1=99.4$ $R2=98.7$ $R3=99.1$ $R4=98.6$ $R5=99.2$ $R6=95.0$ $R7=94.2$ $R8=90.4$
 $R9=80.3$ $R10=98.4$ $R11=95.0$ $R12=91.6$ $R13=98.7$ $R14=98.9$ $R15=96.2$

Optical Parameter

Luminous flux: 2693.862 lm luminous efficiency: 69.97 lm/w Radiant flux: 10.3629 W

Electrical Parameter

Voltage: 230.2 V Current: 0.176 A Watts: 38.50 W Power factor: 0.948

MEASUREFINE

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