



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-CAR
Manufacturer : BLED

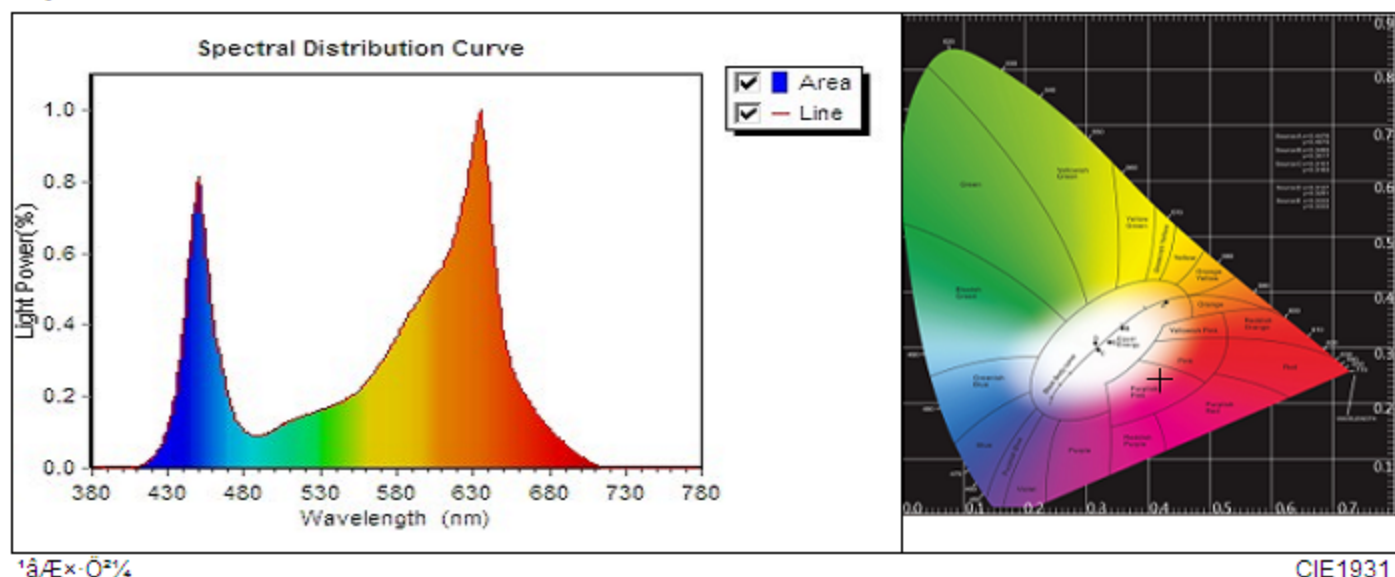
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 47073 (71.8%)
Integral time. : 82ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4138$ $y=0.2891$ $u=0.2934$ $v=0.3074$ ($duv=-0.0498$)
Color temperature: $TC=2272$ K Color difference: $SDCM=51.7$ Main Wavelength: $\lambda_d=562.95$ nm Purity: $Purity=0.606$
Peak wavelength: $\lambda_p=634.4$ nm FWHM: $\Delta\lambda_p=47.1$ nm Color ratio: $R=37.00\%$ $G=59.29\%$ $B=3.71\%$

Color rendering index (Ra): $Ra=75.6$

$R1=89.5$ $R2=76.0$ $R3=69.6$ $R4=85.8$ $R5=84.2$ $R6=55.8$ $R7=65.8$ $R8=78.1$
 $R9=86.1$ $R10=52.4$ $R11=88.5$ $R12=10.6$ $R13=81.8$ $R14=86.4$ $R15=87.7$

Optical Parameter

Luminous flux: 2177.559 lm luminous efficiency: 62.22 lm/w Radiant flux: 8.5429 W

Electrical Parameter

Voltage: 230.2 V Current: 0.162 A Watts: 35.00 W Power factor: 0.938

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