



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO
Product No. : HPBM-40W-N-CAR
Manufacturer : BLED

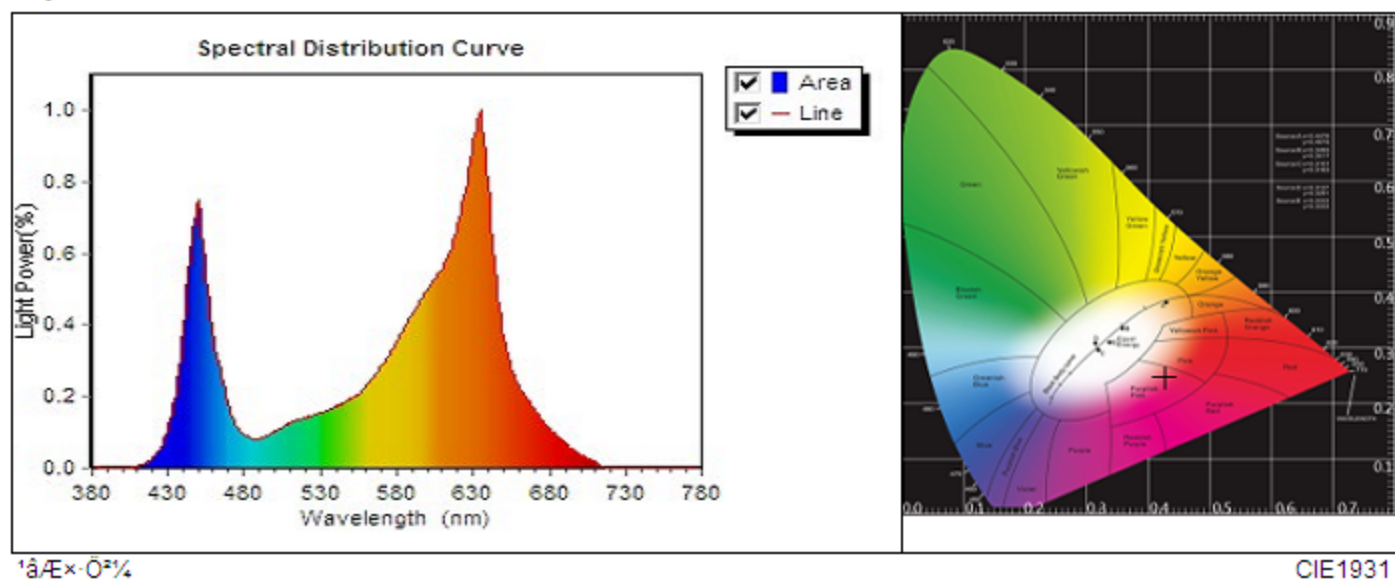
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51241 (78.2%)
Integral time. : 82ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4207$ $y=0.2926$ $u=0.2968$ $v=0.3097$ ($duv=-0.0482$)
Color temperature: $TC=2202$ K Color difference: $SDCM=51.6$ Main Wavelength: $\lambda_d=560.94$ nm Purity: $Purity=0.534$
Peak wavelength: $\lambda_p=634.1$ nm FWHM: $\Delta\lambda_p=44.2$ nm Color ratio: $R=37.77\%$ $G=58.77\%$ $B=3.47\%$

Color rendering index (Ra): $Ra=76.2$

$R1=90.6$ $R2=77.3$ $R3=70.6$ $R4=85.8$ $R5=85.4$ $R6=57.0$ $R7=65.9$ $R8=76.6$
 $R9=82.6$ $R10=54.9$ $R11=88.8$ $R12=12.8$ $R13=83.0$ $R14=86.8$ $R15=89.7$

Optical Parameter

Luminous flux: 2379.686 lm luminous efficiency: 61.97 lm/w Radiant flux: 9.3075 W

Electrical Parameter

Voltage: 230.5 V Current: 0.172 A Watts: 38.40 W Power factor: 0.965

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