



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

Spectral test report for lamp

Product type : LED MAGNETIC RAIL PROJECTOR
Product No. : PMC-10W-CCT-DALI-N
Manufacturer : BLED

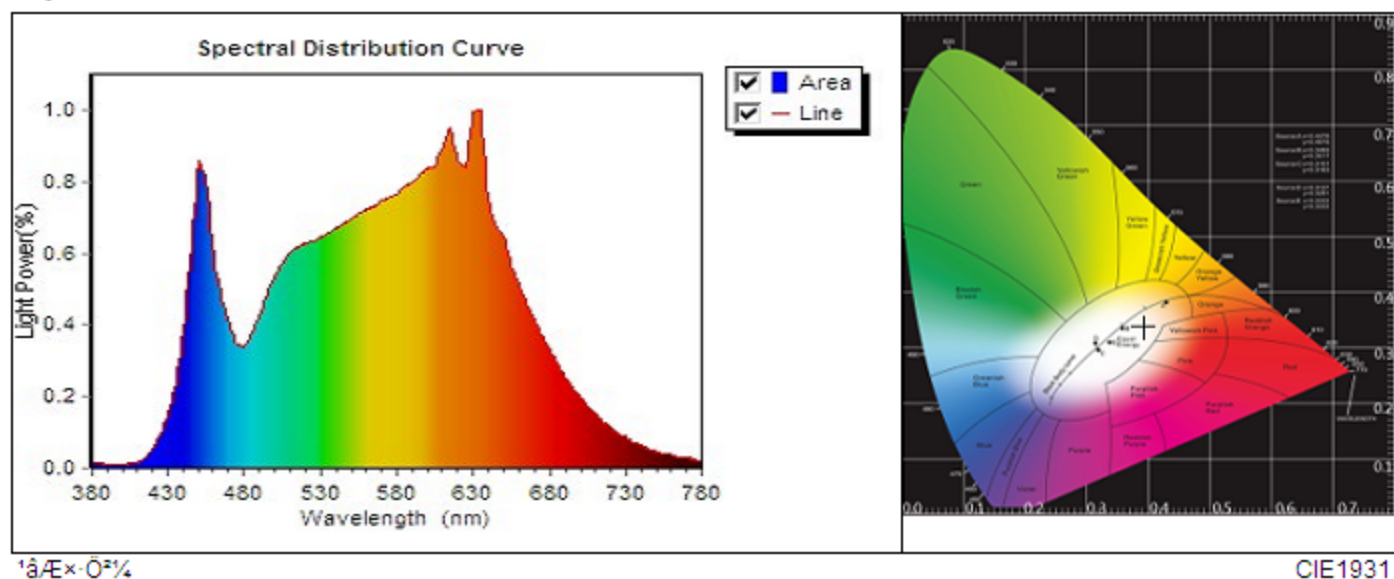
Test date. : 2024-05-10
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 51216 (78.2%)
Integral time. : 437ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3864$ $y=0.3769$ $u=0.2290$ $v=0.3350$ ($duv=-0.0016$)
Color temperature: $TC=3842$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.157$
Peak wavelength: $\lambda_p=632.6$ nm FWHM: $\Delta\lambda_p=162.1$ nm Color ratio: $R=22.28\%$ $G=73.92\%$ $B=3.80\%$

Color rendering index (Ra): $Ra=95.7$

$R1=96.7$ $R2=98.2$ $R3=98.0$ $R4=96.6$ $R5=96.4$ $R6=95.9$ $R7=94.5$ $R8=88.6$
 $R9=72.2$ $R10=94.8$ $R11=97.1$ $R12=80.8$ $R13=97.6$ $R14=98.5$ $R15=94.1$

Optical Parameter

Luminous flux: 795.712 lm luminous efficiency: 67.15 lm/w Radiant flux: 2.6616 W

Electrical Parameter

Voltage: 48.0 V Current: 0.247 A Watto: 11.85 W Power factor: 1.000

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