



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 LAMP
Product No. : LM-220-CCT-DALI-N
Manufacturer : BLED

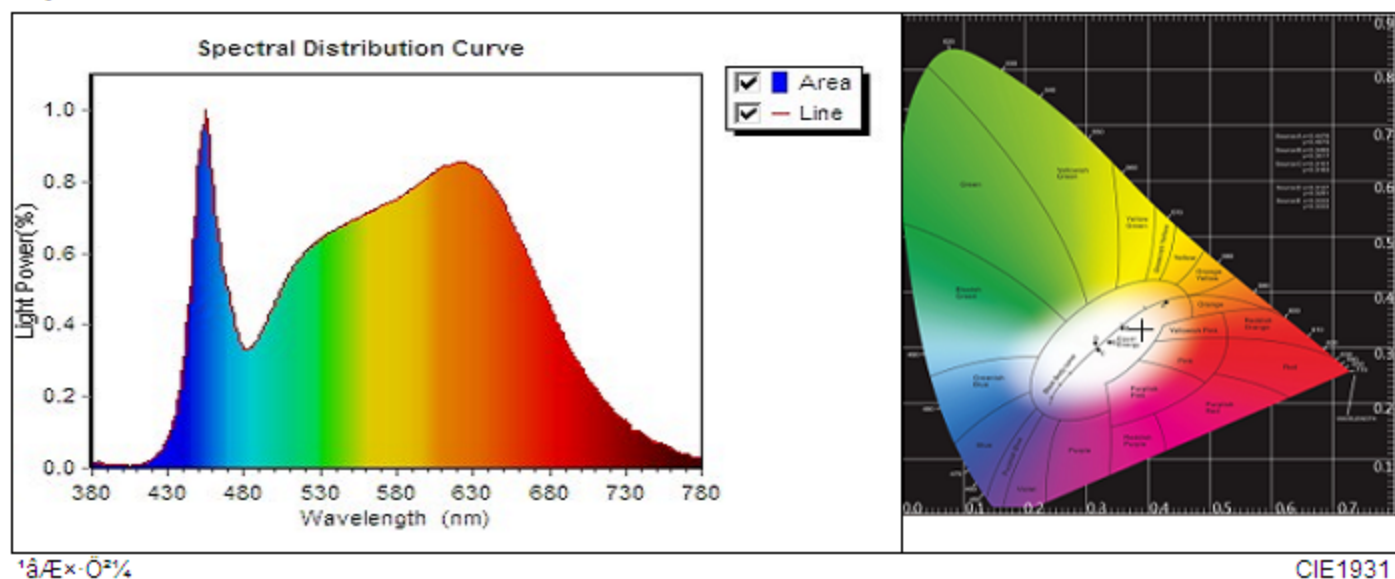
Test date. : 2024-05-10
Test equipment: SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 48235 (73.6%)
Integral time. : 671ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3836$ $y=0.3719$ $u=0.2292$ $v=0.3333$ ($duv=-0.0032$)
Color temperature: $TC=3877$ K Color difference: $SDCM=5.9$ Main Wavelength: $\lambda_d=483.07$ nm Purity: $Purity=0.167$
Peak wavelength: $\lambda_p=454.2$ nm FWHM: $\Delta\lambda_p=24.6$ nm Color ratio: $R=22.15\%$ $G=74.00\%$ $B=3.85\%$

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

$R1=97.0$ $R2=98.4$ $R3=96.8$ $R4=95.6$ $R5=95.6$ $R6=94.6$ $R7=95.3$ $R8=91.6$
 $R9=81.0$ $R10=94.4$ $R11=95.5$ $R12=73.3$ $R13=98.1$ $R14=97.8$ $R15=96.1$

Optical Parameter

Luminous flux: 450.18 lm Luminous efficiency: 37.99 lm/w Radiant flux: 1.5915 W

Electrical Parameter

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

MEASUREFINE

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