



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-18W-N-BC
Manufacturer : BL20220324HT

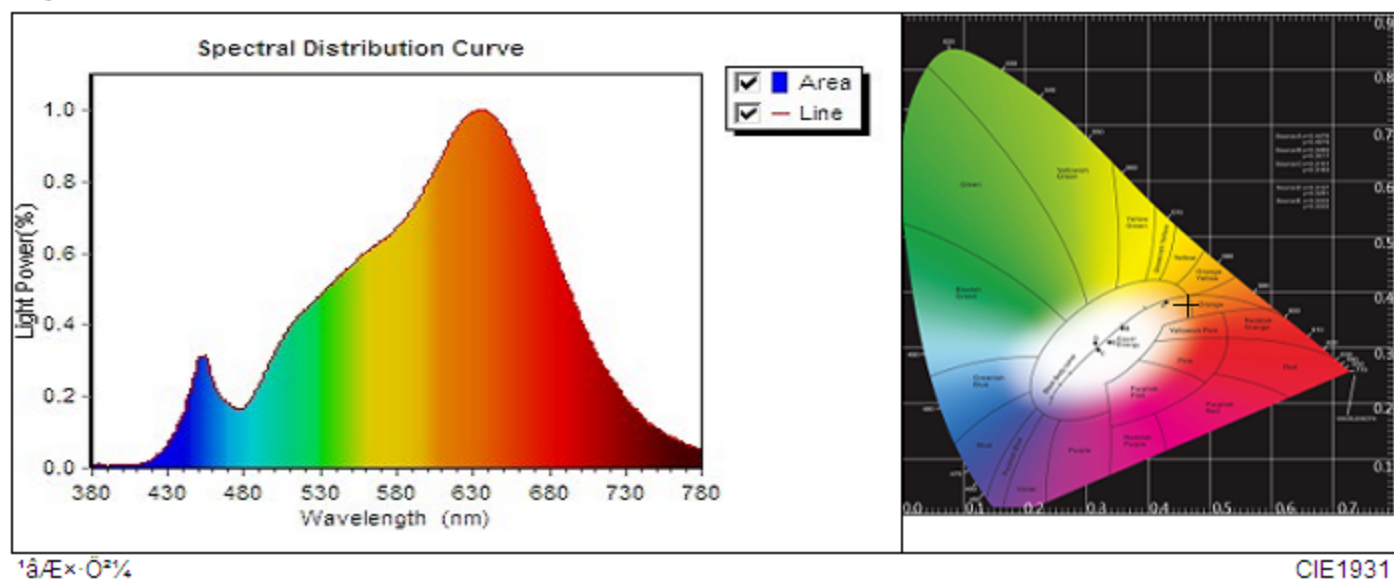
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 43844 (66.9%)
Integral time. : 240ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4563$ $y=0.4135$ $u=0.2589$ $v=0.3519$ ($duv=0.0014$)
Color temperature: $TC=2773$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=582$ nm Purity: $Purity=0.103$
Peak wavelength: $\lambda_p=635.3$ nm FWHM: $\Delta\lambda_p=160.4$ nm Color ratio: $R=27.86\%$ $G=69.98\%$ $B=2.16\%$

Color rendering index (Ra): $Ra=97.3$

$R1=98.5$ $R2=97.6$ $R3=95.0$ $R4=98.4$ $R5=97.8$ $R6=97.4$ $R7=98.2$ $R8=94.8$
 $R9=85.9$ $R10=93.3$ $R11=97.2$ $R12=87.8$ $R13=98.4$ $R14=96.2$ $R15=96.3$

Optical Parameter

Luminous flux: 1201.476 lm luminous efficiency: 67.5 lm/w Radiant flux: 4.5568 W

Electrical Parameter

Voltage: 230.0 V Current: 0.142 A Watts: 17.80 W Power factor: 0.543

MEASUREFINE

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