



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

Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1242-B-20W-BN
Manufacturer : BLED

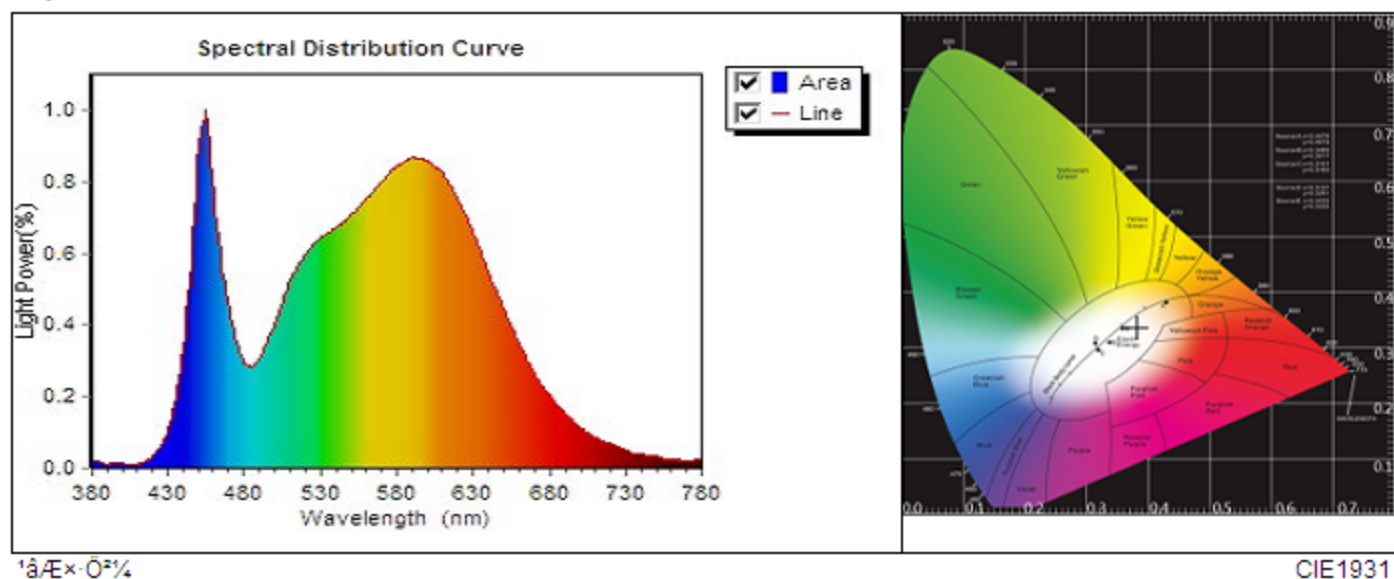
Test date. : 2021-03-16
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 30606 (46.7%)
Integral time. : 10ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3764$ $y=0.3761$ $u=0.2227$ $v=0.3338$ ($duv=0.0009$)
Color temperature: $TC=4107$ K Color difference: $SDCM=1.7$ Main Wavelength: $\lambda_d=485.02$ nm Purity: $Purity=0.18$
Peak wavelength: $\lambda_p=453.9$ nm FWHM: $\Delta\lambda_p=23.4$ nm Color ratio: $R=19.53\%$ $G=76.97\%$ $B=3.50\%$

Color rendering index (Ra): $Ra=83.7$

$R1=82.2$ $R2=90.3$ $R3=95.3$ $R4=81.6$ $R5=81.7$ $R6=85.7$ $R7=86.4$ $R8=65.7$
 $R9=11.7$ $R10=76.2$ $R11=80.4$ $R12=59.6$ $R13=85.1$ $R14=97.7$ $R15=76.4$

Optical Parameter

Luminous flux: 2154.136 lm Luminous efficiency: 106.64 lm/w Radiant flux: 6.5994 W

Electrical Parameter

Voltage: 230.2 V Current: 0.152 A Watts: 20.20 W Power factor: 0.575

MEASUREFINE

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