



## Spectral test report for lamp

Product type : PROYECTOR CARRIL  
Product No. : B00560-MON-N-20W-BC  
Manufacturer : BLED

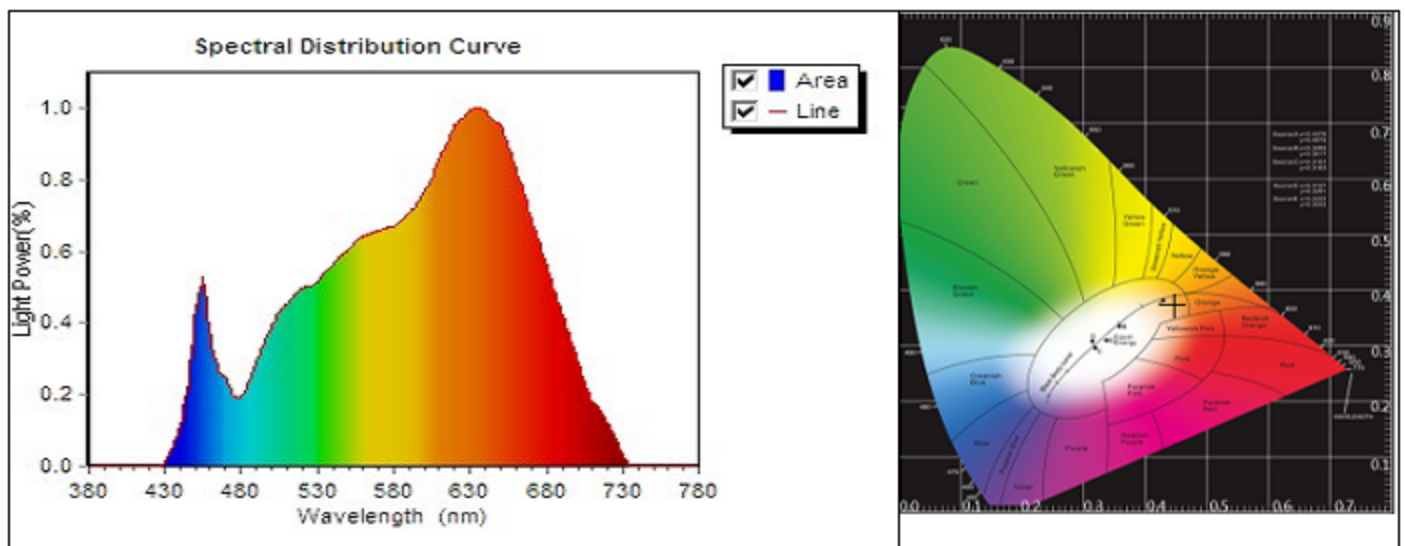
Test date. : 2024-11-28  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 49453 (75.5%)  
Integral time. : 1349ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4393$   $y=0.4096$   $u=0.2497$   $v=0.3493$  ( $duv=0.0019$ )

Color temperature:  $TC=3005K$  Color difference:  $SDCM=3.7$  Main Wavelength:  $\lambda_d=493.02nm$  Purity:  $Purity=0.021$

Peak wavelength:  $\lambda_p=634.5 nm$  FWHM:  $\lambda_p=161.8 nm$  Color ratio:  $R=26.40\%$   $G=70.98\%$   $B=2.62\%$

Color rendering index (Ra):  $Ra=98.4$

$R1=99.3$   $R2=99.0$   $R3=95.6$   $R4=98.8$   $R5=98.9$   $R6=98.1$   $R7=99.0$   $R8=98.2$

$R9=95.0$   $R10=96.4$   $R11=96.7$   $R12=81.4$   $R13=99.5$   $R14=96.6$   $R15=98.1$

### Optical Parameter

Luminous flux:  $200.341 lm$  luminous efficiency:  $20.65 lm/w$  Radiant flux:  $0.6988 W$

### Electrical Parameter

Voltage:  $230.4 V$  Current:  $0.046 A$  Watte:  $9.70 W$  Power factor:  $0.908$

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