



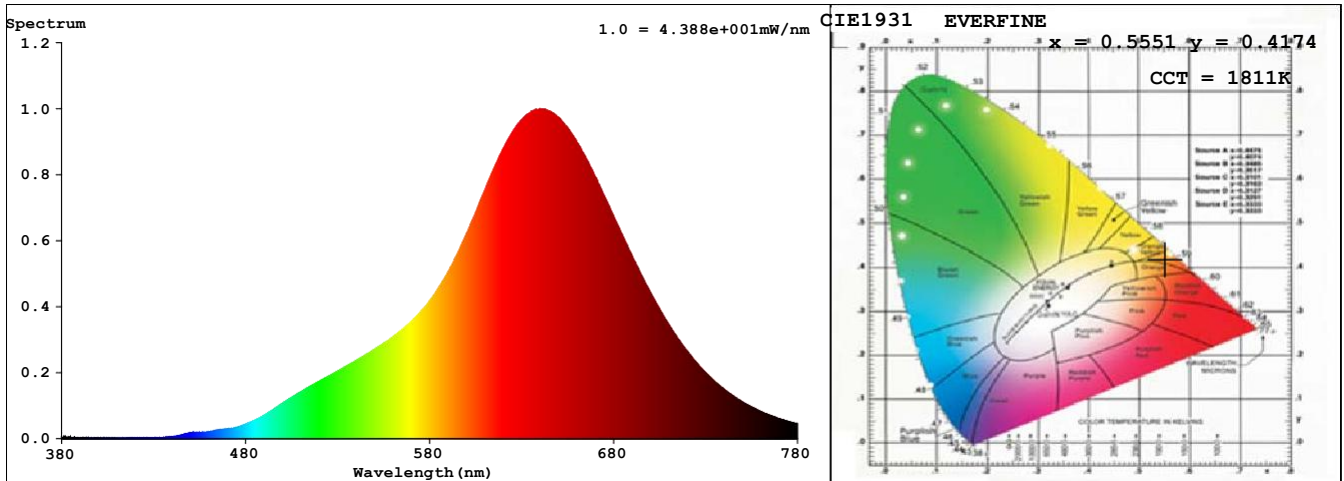
## Spectrum Test Report

Sample :E24N490W18 Date : 2020-03-23 09:54:11  
 Specification : 2110 700LED 10mm 24V 18W 1800K CRI90 1M  
 Sample No. : Instrument : HaasSuite(EVERFINE)  
 Manufacturer : Test by :Velleman  
 Assessor :  
 Remark :LD700-R2210-1800K-24-IP20

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
 WL Range : 380nm-780nm IP : 53140 (81%)  
 Test Mode : Fast Test T : 99 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5551$   $y = 0.4174$  /  $u' = 0.3219$   $v' = 0.5445$  ( $duv=2.89e-03$ )

CCT= 1811K Prcp WL: Ld=589.9nm Purity=91.9%

Peak WL: Lp=640nm FWHM: =105.0nm Ratio:R=38.6% G=60.5% B=0.9%

Render Index: Ra = 95.5 CRI = 93.9 AvgR = 93.7 TM30:Rf=81 Rg=82

R1 =99 R2 =98 R3 =96 R4 =96 R5 =99 R6 =95 R7 =93

R8 =87 R9 =73 R10=96 R11=91 R12=94 R13=99 R14=96 R15=92

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 1213.7 lm Eff. : 68.94 lm/W Fe = 5.5693 W

### Electrical parameters

V = 24.00 V I = 0.7336 A P = 17.60 W PF = 1.000 F=0.00 Hz

**EVERFINE CORPORATION**

<http://www.everfine.cn>