



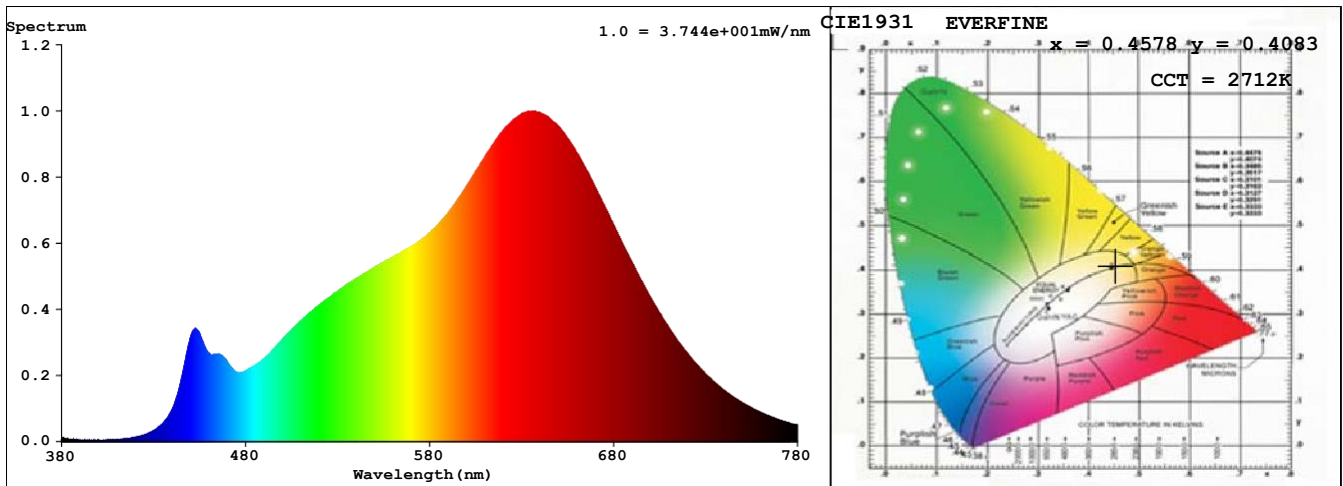
## Spectrum Test Report

Sample : E24N490W27 Date : 2019-12-30 14:50:34  
 Specification : 2110 700LED 10mm 24V 18W 2700K CRI90 1M  
 Sample No. : Instrument : HaasSuite(EVERFINE)  
 Manufacturer : Test by : Velleman  
 Assessor :  
 Remark : LD700-R2110-2700K-24-IP20

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
 WL Range : 380nm-780nm IP : 46648 (71%)  
 Test Mode : Fast Test T : 98 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4578$   $y = 0.4083$  /  $u' = 0.2622$   $v' = 0.5262$  ( $duv = -6.70e-04$ )

CCT= 2712K Prcp WL:  $L_d = 584.4nm$  Purity=60.0%

Peak WL:  $L_p = 637nm$  FWHM:  $=151.6nm$  Ratio: R=27.3% G=69.9% B=2.8%

Render Index:  $R_a = 97.7$  CRI = 96.6 AvgR = 96.8 TM30:  $R_f = 95$   $R_g = 101$

R1 =98 R2 =99 R3 =98 R4 =98 R5 =98 R6 =96 R7 =97

R8 =97 R9 =93 R10=99 R11=96 R12=88 R13=98 R14=98 R15=99

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1583.4 lm Eff. : 86.73 lm/W Fe = 6.1776 W

### Electrical parameters

V = 24.00 V I = 0.7608 A P = 18.26 W PF = 1.000 F=0.00 Hz

**EVERFINE CORPORATION**

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