

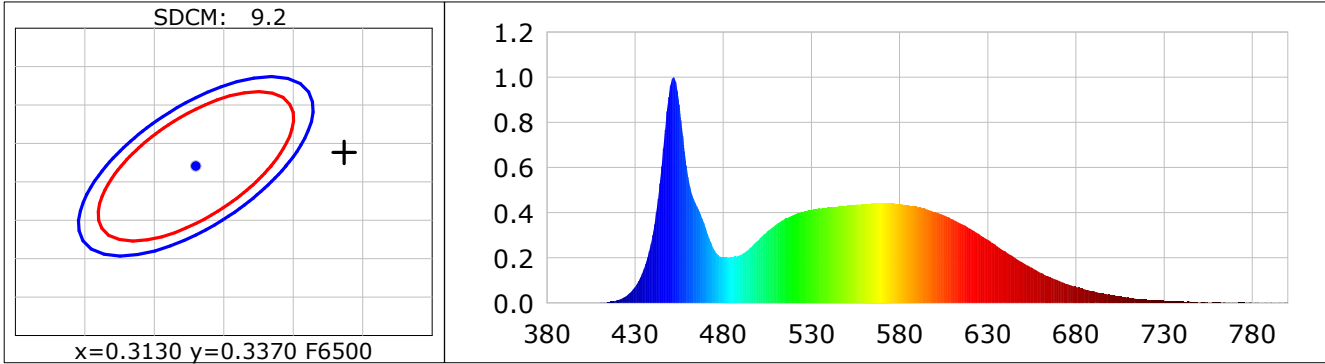
**Lightsource Test Report**

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: DRAC 8	Product Number: 235
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3237$   $y=0.3388$   $u(u')=0.2017$   $v=0.3167$   $v'=0.4751$   
 CCT:  $T_c=5902K$  ( $duv=0.00286$ ) Color Ratio:  $R=0.142$   $G=0.807$   $B=0.052$   
 Peak Wavelength: 451.7nm Half Bandwidth: 18.0nm  
 Dominant Wavelength: 499.2nm Color Purity: 0.030  
 CRI:  $R_a=82.8$ ,  $avgR(1\sim14)=75.3$ ,  $avgR(1\sim15)=75.4$  TM30:  $R_f=82$ ,  $R_g=95$   
 GAI:  $GAI\_BB\_8=91.0$ ,  $GAI\_BB\_15=96.8$ ,  $GAI\_EES=86.0$   
 R1 =81 R2 =88 R3 =91 R4 =82 R5 =82 R6 =82 R7 =87 R8 =69  
 R9 =6 R10=70 R11=81 R12=55 R13=83 R14=95 R15=77  
 Color Quality Scale:  $Q_a=80.5$ ,  $Q_f=80.4$ ,  $Q_p=80.9$ ,  $Q_g=91.7$   
 Q1 =83 Q2 =98 Q3 =76 Q4 =70 Q5 =77 Q6 =81 Q7 =85 Q8 =89  
 Q9 =96 Q10=86 Q11=81 Q12=81 Q13=81 Q14=71 Q15=76



**Photometric Parameters**

Luminous Flux: 1161.8 lm Efficiency: 137.93 lm/W Radiant Power: 3.632 W  
 Total mains efficacy: 127.73 lm/W Energy Efficiency Class: E (EU 2019/2015)

**Electric Parameters**

Voltage: 24.000V Current: 0.3510A Power: 8.42W  
 Power Factor: 1.0000 Frequency: 0.00Hz

**Test Infomation**

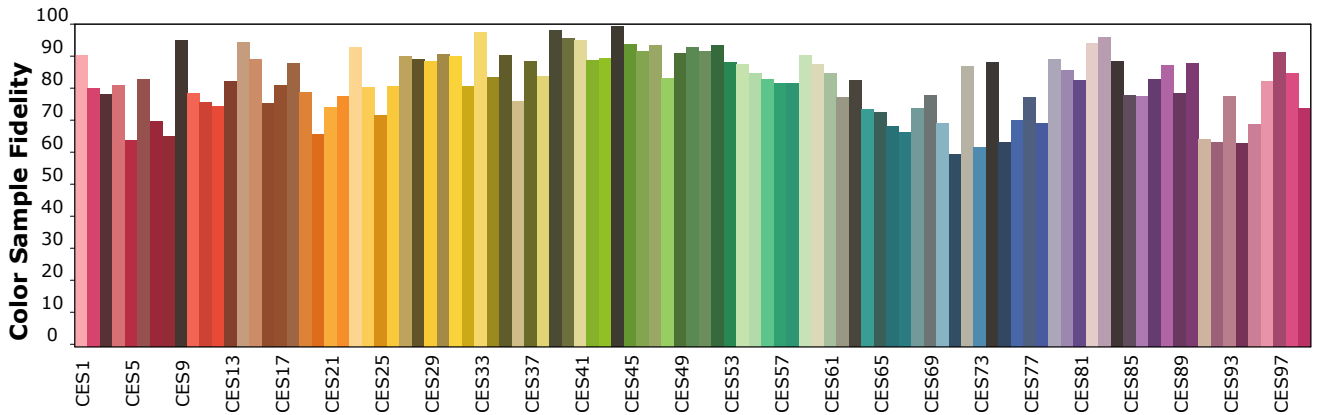
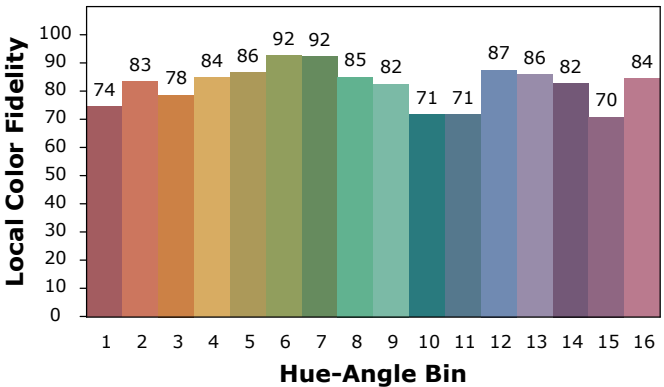
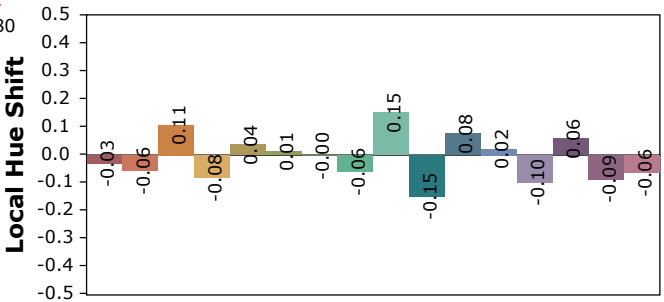
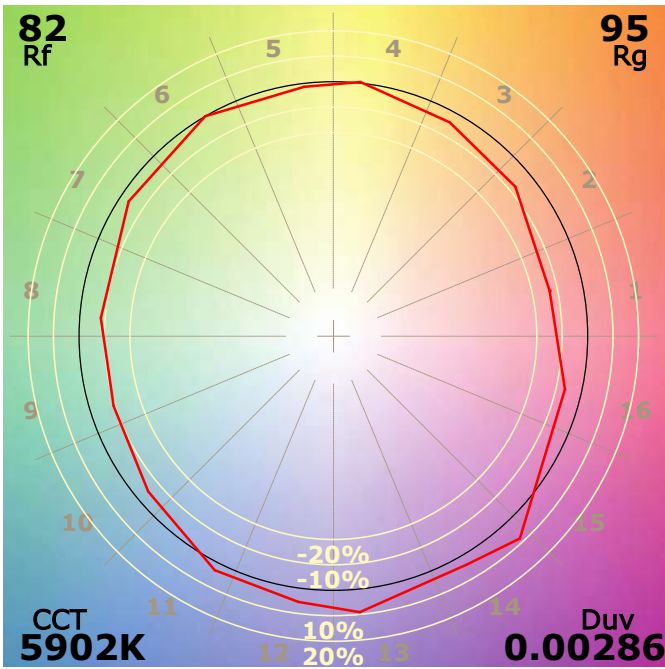
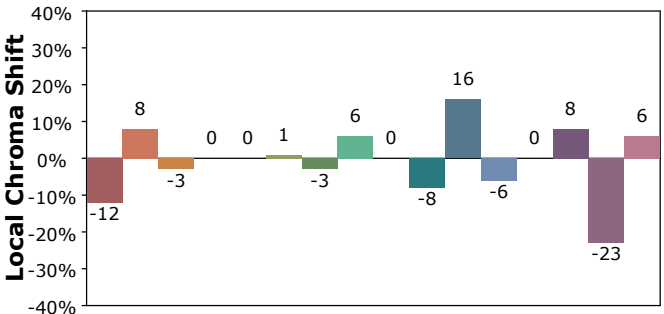
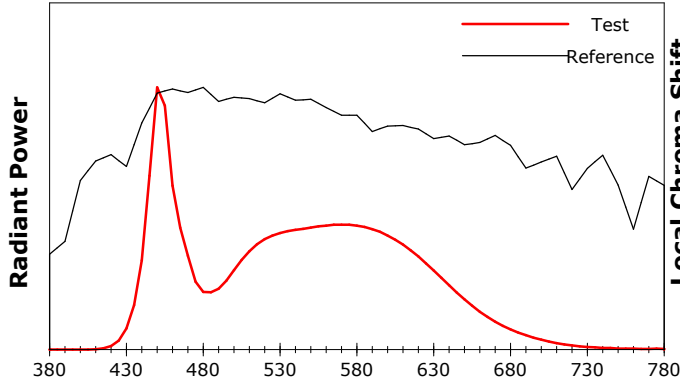
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 Max of Signal: 47025 (2193) CCD Integration Time: 281.69 ms

## IES TM-30-18 Color Rendition Report

**Product Information**

Product Category: LED STRIP  
 Product Spec: 21059602440520  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 235  
 Buyer: TECSOLED S.L.



Condition: Tx:20.6°C, Ti:19.4°C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-10-28 11:42:32  
 Inspector: