

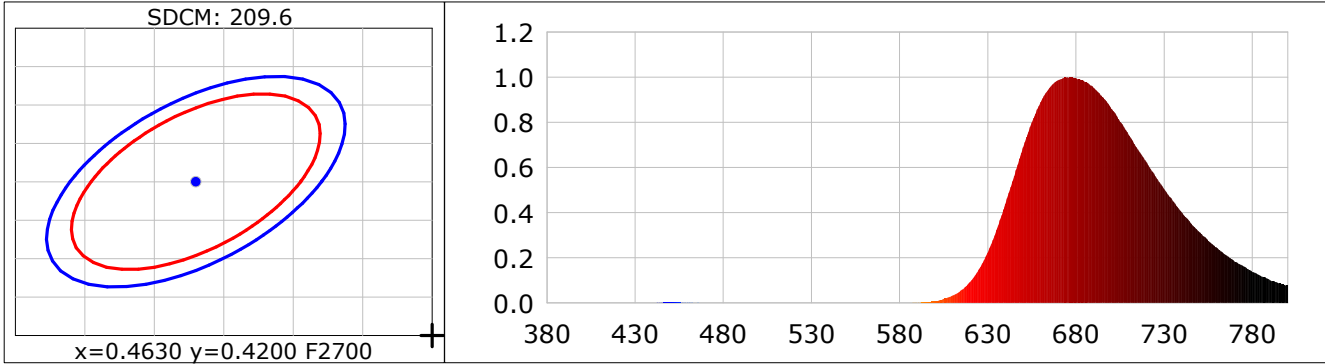
**Lightsource Test Report**

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: ARCO 11	Product Number: 318
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.7065$   $y=0.2809$   $u(u')=0.5700$   $v=0.3400$   $v'=0.5100$   
 CCT:  $T_c=1000K$  ( $duv=-0.12271$ ) Color Ratio:  $R=0.977$   $G=0.021$   $B=0.002$   
 Peak Wavelength: 675.0nm Half Bandwidth: 88.0nm  
 Dominant Wavelength: 642.4nm Color Purity: 0.962  
 CRI:  $R_a=33.2$ ,  $avgR(1\sim14)=27.4$ ,  $avgR(1\sim15)=25.2$  TM30:  $R_f=5$ ,  $R_g=-1$   
 GAI:  $GAI\_BB\_8=133.3$ ,  $GAI\_BB\_15=112.7$ ,  $GAI\_EES=1.1$   
 R1 =24 R2 =85 R3 =33 R4 =6 R5 =33 R6 =92 R7 =27 R8 =-34  
 R9 =-166 R10=93 R11=16 R12=71 R13=46 R14=57 R15=-5  
 Color Quality Scale:  $Q_a=-1.\$$ ,  $Q_f=-1.\$$ ,  $Q_p=-1.\$$ ,  $Q_g=-1.\$$   
 Q1 =15 Q2 =14 Q3 =18 Q4 =15 Q5 =13 Q6 =13 Q7 =9 Q8 =0  
 Q9 =0 Q10=0 Q11=0 Q12=0 Q13=0 Q14=0 Q15=0



**Photometric Parameters**

Luminous Flux: 71.283 lm	Efficiency: 5.31 lm/W	Radiant Power: 2.475 W
Total mains efficacy: 4.92 lm/W	Energy Efficiency Class: G (EU 2019/2015)	

**Electric Parameters**

Voltage: 24.000V	Current: 0.5591A	Power: 13.42W
Power Factor: 1.0000	Frequency: 0.00Hz	

**Test Infomation**

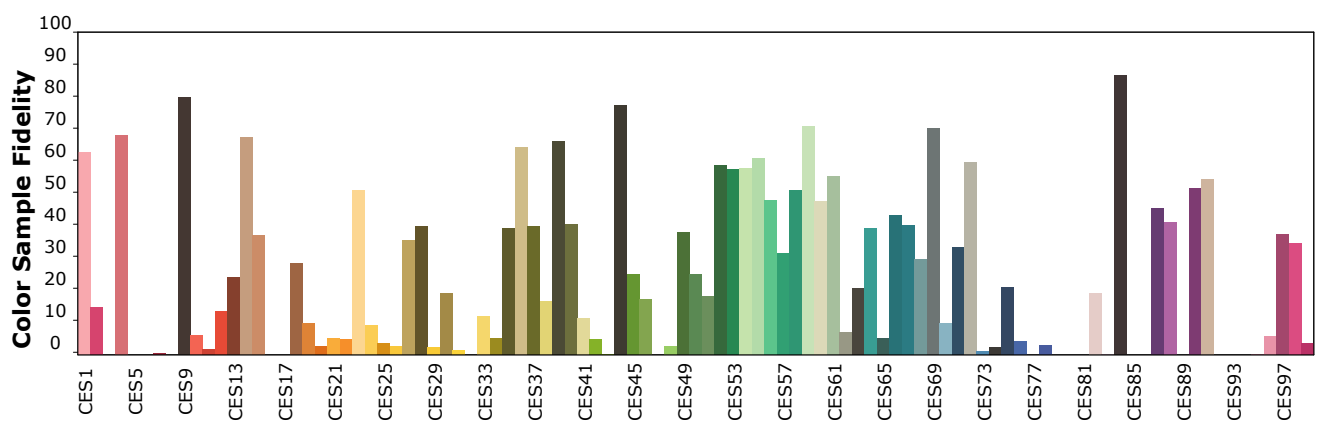
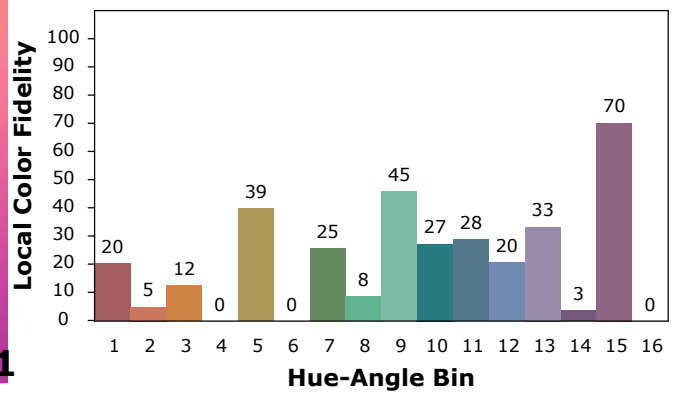
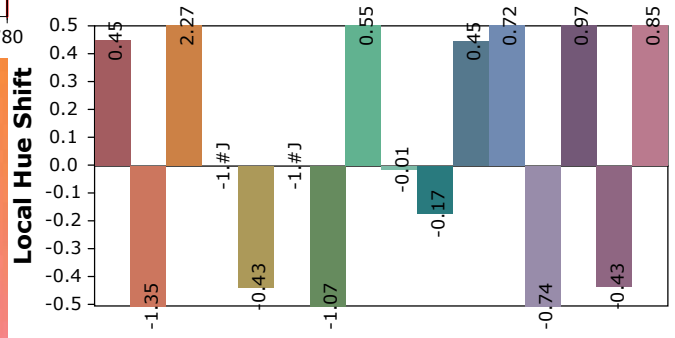
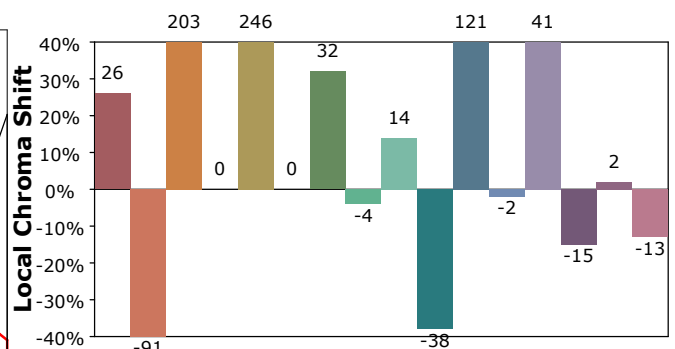
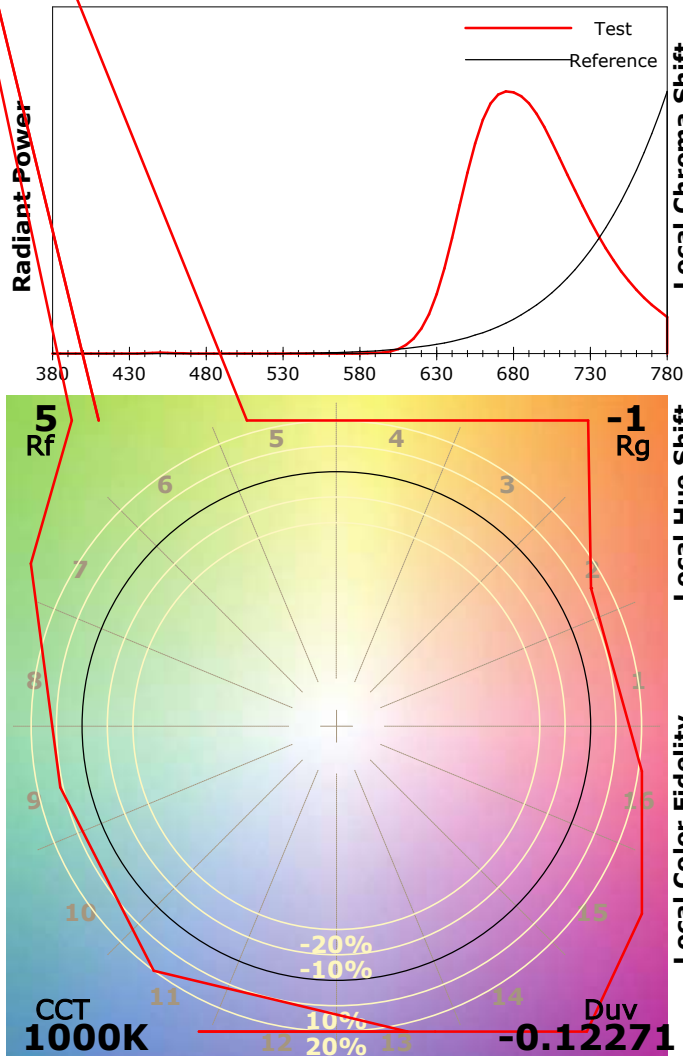
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 46040 (2321)	CCD Integration Time: 775.14 ms

## IES TM-30-18 Color Rendition Report

### Product Information

Product Category: LED STRIP  
 Product Spec: 21059602440600  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 318  
 Buyer: TECSOLED S.L.



Condition: Tx:20.5°C, Ti:18.9°C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-11-02 11:09:28  
 Inspector: