

## Lightsource Test Report

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: ARCO 1	Product Number: 307
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

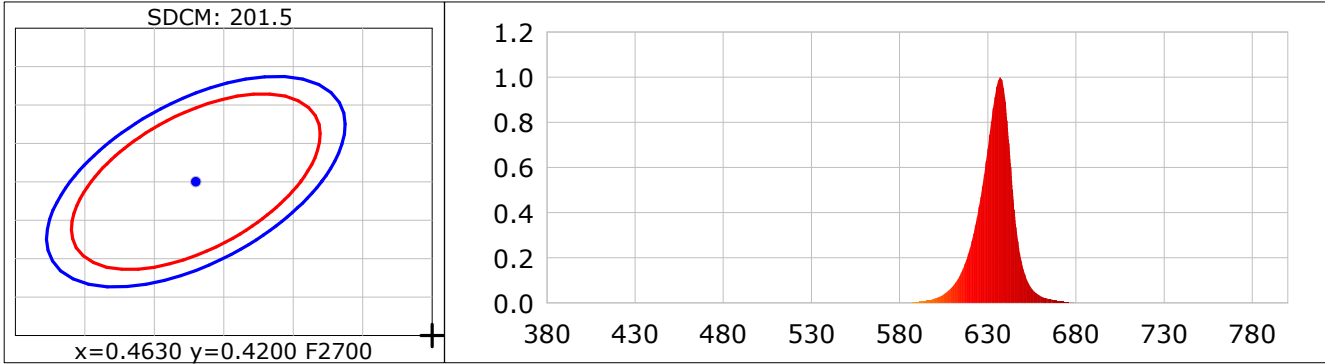
**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.7032$   $y=0.2960$   $u(u')=0.5466$   $v=0.3452$   $v'=0.5177$   
 CCT:  $T_c=1000K$  ( $duv=-0.09887$ )      Color Ratio:  $R=0.981$   $G=0.019$   $B=0.000$   
 Peak Wavelength: 637.0nm      Half Bandwidth: 17.4nm  
 Dominant Wavelength: 627.2nm      Color Purity: 0.998  
 CRI:  $R_a=10.7$ ,  $avgR(1\sim14)=4.3$ ,  $avgR(1\sim15)=1.1$       TM30:  $R_f=14$ ,  $R_g=-1$   
 GAI:  $GAI\_BB\_8=4.5$ ,  $GAI\_BB\_15=3.8$ ,  $GAI\_EES=0.0$   

R1 =0	R2 =75	R3 =30	R4 =-28	R5 =1	R6 =92	R7 =-4	R8 =-81
R9 =-243	R10=69	R11=-14	R12=80	R13=25	R14=59	R15=-43	

 Color Quality Scale:  $Q_a=1.0$ ,  $Q_f=7.6$ ,  $Q_p=0.6$ ,  $Q_g=2.3$   

Q1 =4	Q2 =16	Q3 =9	Q4 =5	Q5 =3	Q6 =2	Q7 =2	Q8 =9
Q9 =13	Q10=5	Q11=0	Q12=0	Q13=0	Q14=0	Q15=0	



**Photometric Parameters**

Luminous Flux: 457.85 lm	Efficiency: 34.65 lm/W	Radiant Power: 2.801 W
Total mains efficacy: 32.09 lm/W	Energy Efficiency Class: G (EU 2019/2015)	

**Electric Parameters**

Voltage: 24.000V	Current: 0.5506A	Power: 13.21W
Power Factor: 1.0000	Frequency: 0.00Hz	

**Test Infomation**

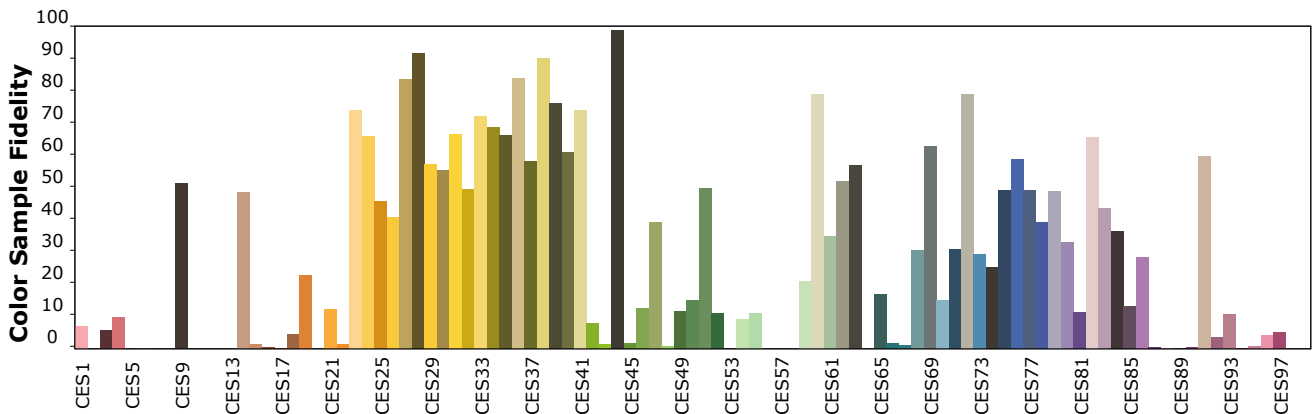
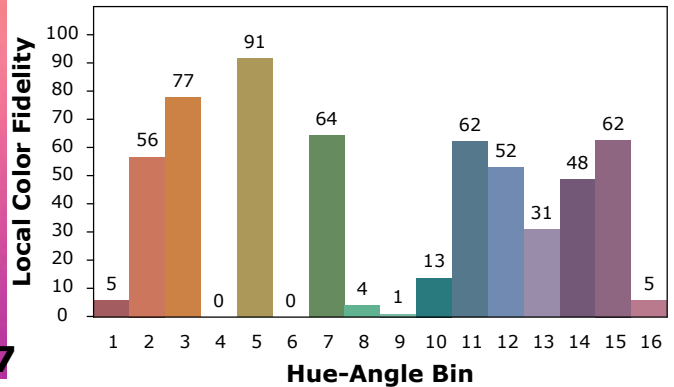
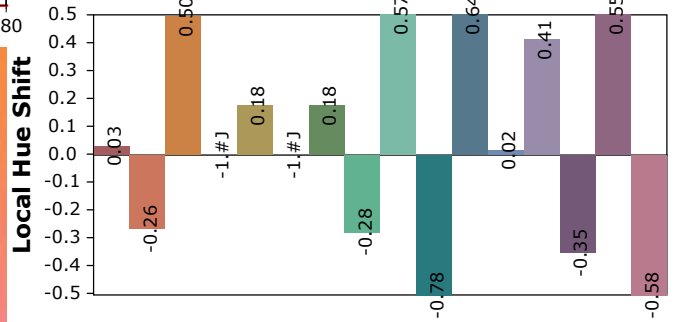
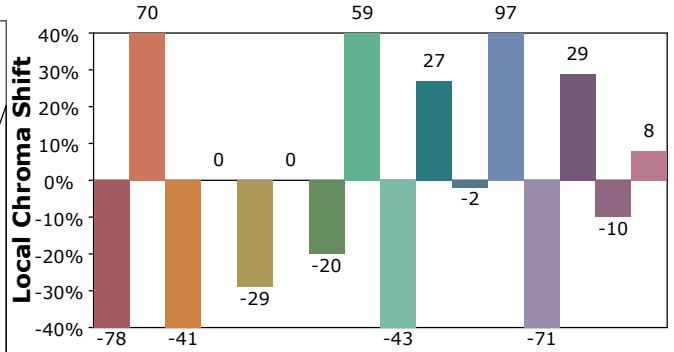
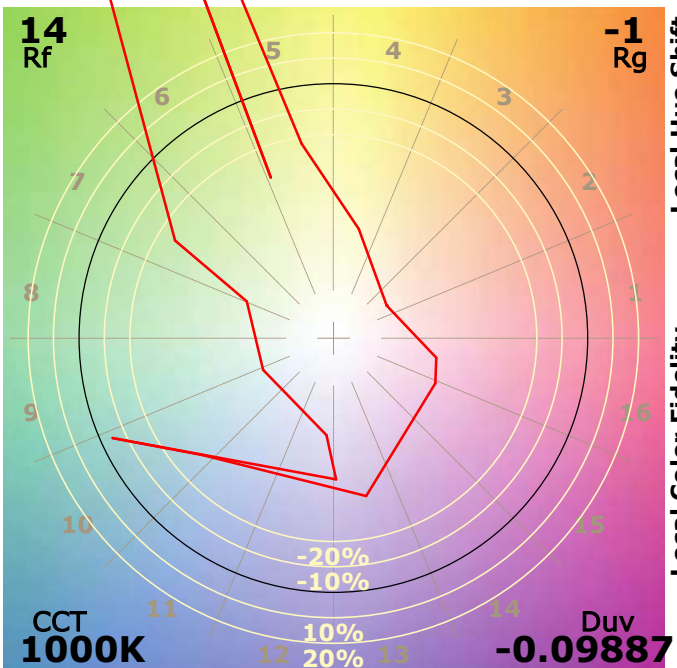
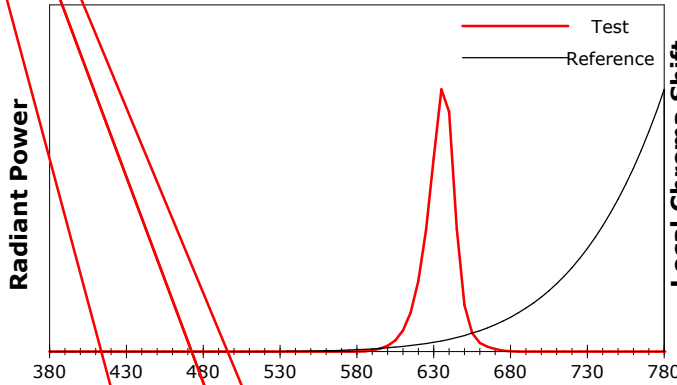
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec    ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 46601 (2067)	CCD Integration Time: 132.20 ms

## IES TM-30-18 Color Rendition Report

### Product Information

Product Category: LED STRIP  
 Product Spec: 21059602440590  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 307  
 Buyer: TECSOLED S.L.



Condition: Tx:19.8'C, Ti:18.6'C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-11-02 10:30:03  
 Inspector: