

## Lightsource Test Report

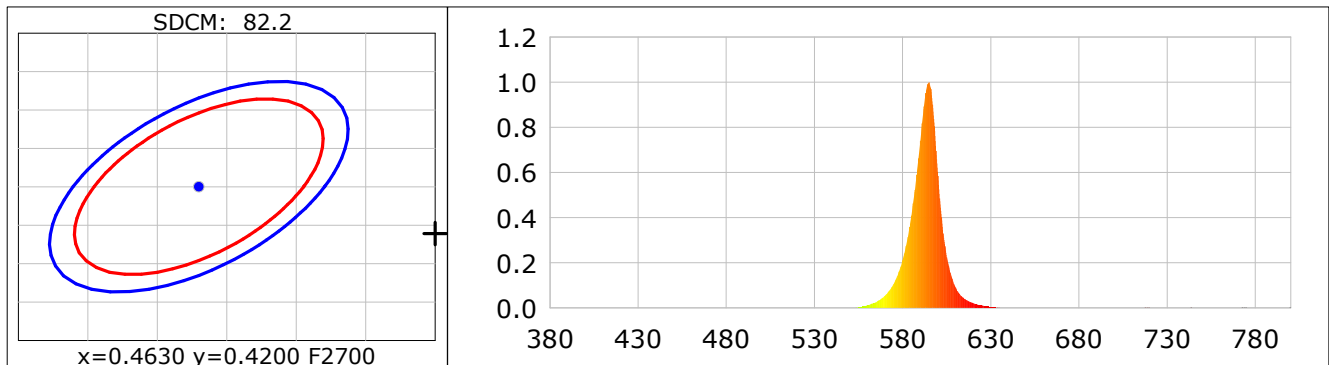
### Product Infomation

Product Category: LED STRIP  
Product Spec: ARCO 5  
Manufacturer: TECSOLEED S.L.

Product Type: LED STRIP  
Product Number: 312  
Buyer: TECSOLEED S.L.

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5843$   $y=0.4139$   $u(u')=0.3438$   $v=0.3653$   $v'=0.5479$   
CCT:  $T_c=1611K$  ( $duv=0.00476$ ) Color Ratio:  $R=0.156$   $G=0.843$   $B=0.000$   
Peak Wavelength: 594.7nm Half Bandwidth: 14.3nm  
Dominant Wavelength: 591.8nm Color Purity: 0.995  
CRI:  $R_a=-27.3$ ,  $avgR(1\sim14)=-50.0$ ,  $avgR(1\sim15)=-51.6$  TM30:  $R_f=3$ ,  $R_g=6$   
GAI:  $GAI_{BB\_8}=0.8$ ,  $GAI_{BB\_15}=0.9$ ,  $GAI_{EES}=0.1$   
 $R1=-44$   $R2=48$   $R3=15$   $R4=-76$   $R5=-46$   $R6=39$   $R7=-13$   $R8=-142$   
 $R9=-410$   $R10=25$   $R11=-105$   $R12=-12$   $R13=-24$   $R14=44$   $R15=-74$   
Color Quality Scale:  $Q_a=0.1$ ,  $Q_f=0.2$ ,  $Q_p=0.0$ ,  $Q_g=1.5$   
 $Q1=13$   $Q2=22$   $Q3=1$   $Q4=0$   $Q5=1$   $Q6=1$   $Q7=4$   $Q8=14$   
 $Q9=0$   $Q10=0$   $Q11=0$   $Q12=0$   $Q13=0$   $Q14=0$   $Q15=0$



### Photometric Parameters

Luminous Flux: 328.25 lm Efficiency: 24.62 lm/W Radiant Power: 0.677 W  
Total mains efficacy: 22.80 lm/W Energy Efficiency Class: G (EU 2019/2015)

### Electric Parameters

Voltage: 24.000V Current: 0.5556A Power: 13.33W  
Power Factor: 1.0000 Frequency: 0.00Hz

### Test Information

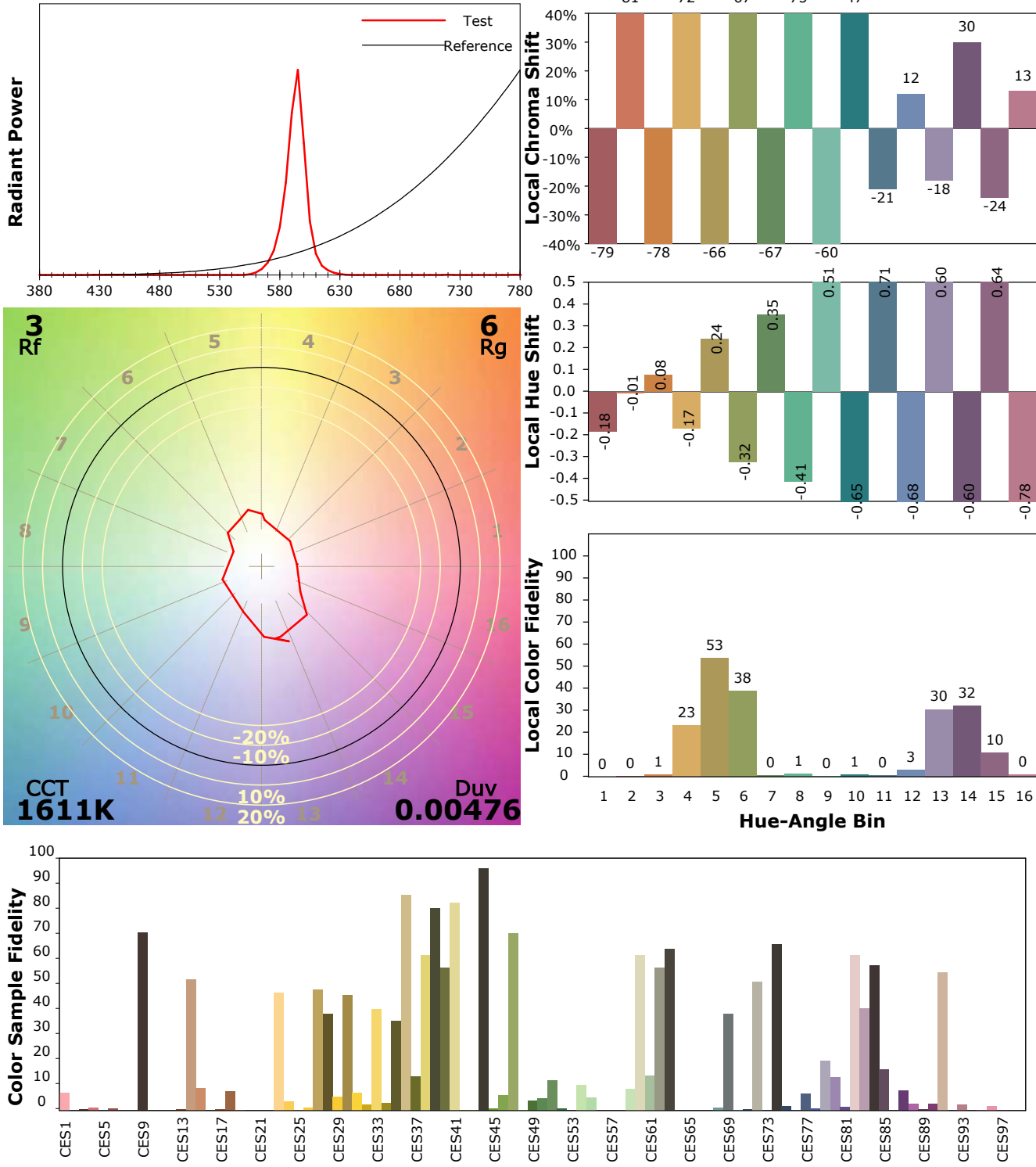
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4PI  
Max of Signal: 46470 (2166) CCD Integration Time: 418.42 ms

## IES TM-30-18 Color Rendition Report

**Product Information**

Product Category: LED STRIP  
 Product Spec: 21059602440594  
 Manufacturer: TECSOLELED S.L.

Product Type: LED STRIP  
 Product Number: 312  
 Buyer: TECSOLELED S.L.



Condition: Tx:20.1°C, Ti:18.7°C, R.H.:60%  
 Test Lab: TECSOLELED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-11-02 10:46:40  
 Inspector: