

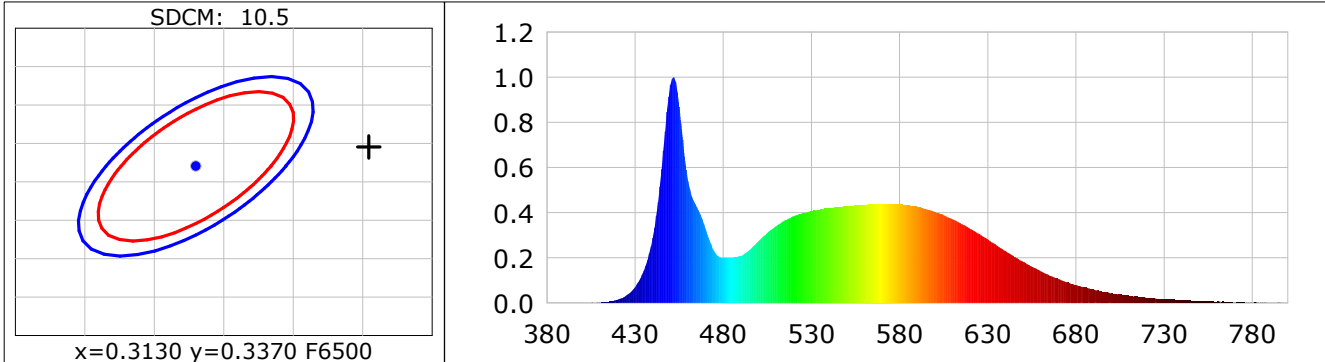
## Lightsource Test Report

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: 21059602440546	Product Number: 275
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3255$   $y=0.3395$   $u(u')=0.2027$   $v=0.3171$   $v'=0.4757$   
 CCT:  $T_c=5818K$  ( $duv=0.00239$ ) Color Ratio:  $R=0.143$   $G=0.806$   $B=0.051$   
 Peak Wavelength: 451.7nm Half Bandwidth: 17.4nm  
 Dominant Wavelength: 502.3nm Color Purity: 0.024  
 CRI:  $R_a=82.9$ ,  $avgR(1\sim14)=75.6$ ,  $avgR(1\sim15)=75.7$  TM30:  $R_f=82$ ,  $R_g=95$   
 GAI:  $GAI\_BB\_8=91.5$ ,  $GAI\_BB\_15=97.3$ ,  $GAI\_EES=86.1$   
 R1 =81 R2 =88 R3 =91 R4 =82 R5 =82 R6 =82 R7 =87 R8 =69  
 R9 =8 R10=71 R11=81 R12=56 R13=83 R14=95 R15=77  
 Color Quality Scale:  $Q_a=80.5$ ,  $Q_f=80.4$ ,  $Q_p=81.1$ ,  $Q_g=92.0$   
 Q1 =83 Q2 =98 Q3 =75 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: 1907.6 lm	Efficiency: 156.63 lm/W	Radiant Power: 6.008 W
Total mains efficacy: 145.04 lm/W	Energy Efficiency Class: D (EU 2019/2015)	

**Electric Parameters**

Voltage: 24.000V	Current: 0.5075A	Power: 12.18W
Power Factor: 1.0000	Frequency: 0.00Hz	

**Test Infomation**

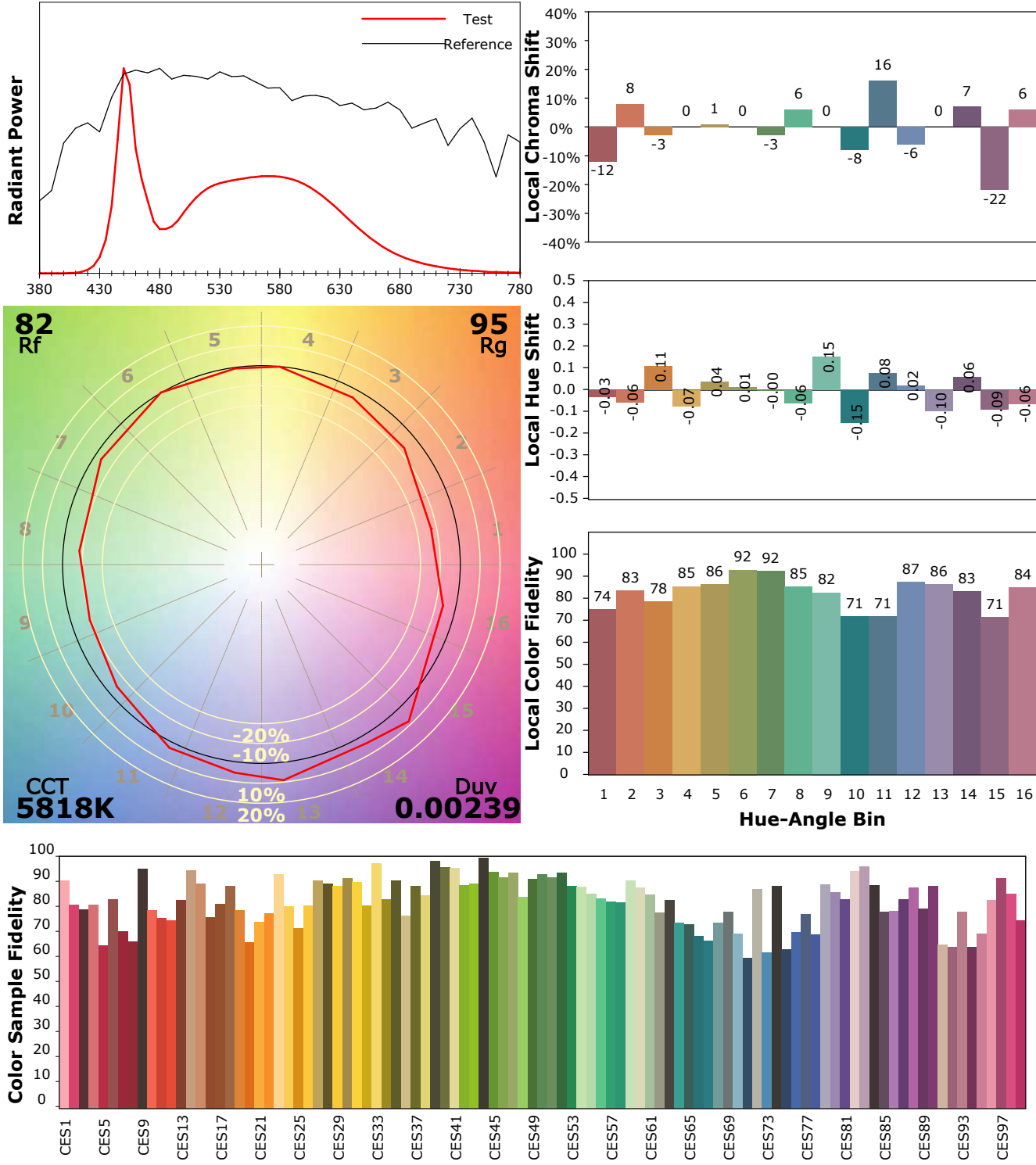
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 20 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 47003 (2141)	CCD Integration Time: 170.28 ms

**IES TM-30-18 Color Rendition Report**

**Product Information**

Product Category: LED STRIP  
 Product Spec: 21059602440546  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 275  
 Buyer: TECSOLED S.L.



Condition: Tx:20.5'C, Ti:19.3'C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-10-29 13:20:39  
 Inspector: