

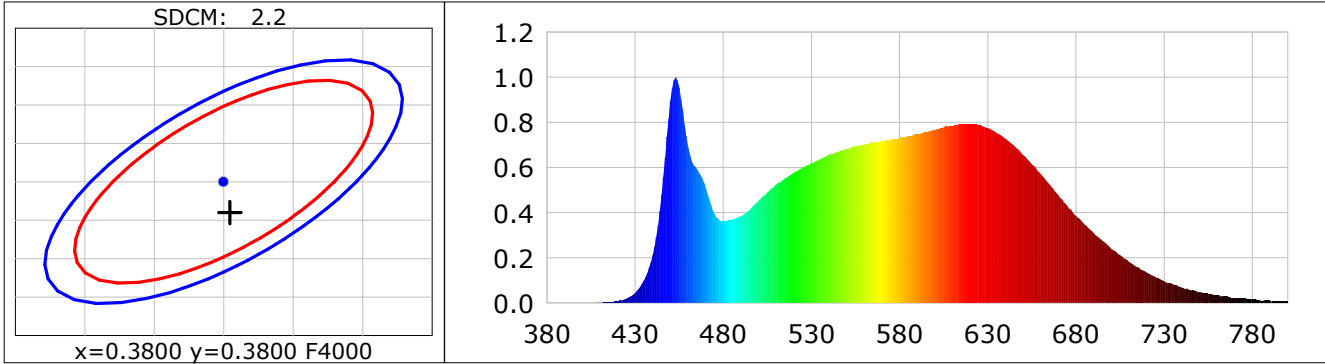
## Lightsource Test Report

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: SIDD 2	Product Number: 430
Manufacturer: TECSOLED S.L.	Buyer: TECSOLED S.L.

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3805$   $y=0.3760$   $u(u')=0.2254$   $v=0.3342$   $v'=0.5013$   
 CCT:  $T_c=3994K$  ( $duv=-0.00036$ ) Color Ratio:  $R=0.199$   $G=0.757$   $B=0.044$   
 Peak Wavelength: 453.0nm Half Bandwidth: 25.2nm  
 Dominant Wavelength: 579.3nm Color Purity: 0.270  
 CRI:  $R_a=93.5$ ,  $avgR(1\sim14)=90.4$ ,  $avgR(1\sim15)=90.5$  TM30:  $R_f=89$ ,  $R_g=97$   
 GAI:  $GAI\_BB\_8=97.4$ ,  $GAI\_BB\_15=103.8$ ,  $GAI\_EES=76.7$   
 R1 =94 R2 =97 R3 =97 R4 =92 R5 =93 R6 =94 R7 =93 R8 =87  
 R9 =71 R10=92 R11=92 R12=69 R13=96 R14=98 R15=92  
 Color Quality Scale:  $Q_a=91.6$ ,  $Q_f=91.4$ ,  $Q_p=91.7$ ,  $Q_g=97.2$   
 Q1 =90 Q2 =98 Q3 =87 Q4 =84 Q5 =88 Q6 =90 Q7 =94 Q8 =95  
 Q9 =99 Q10=96 Q11=94 Q12=95 Q13=95 Q14=92 Q15=92



**Photometric Parameters**

Luminous Flux: 1400.9 lm Efficiency: 144.56 lm/W Radiant Power: 4.772 W  
 Total mains efficacy: 133.86 lm/W Energy Efficiency Class: E (EU 2019/2015)

**Electric Parameters**

Voltage: 24.000V Current: 0.4038A Power: 9.69W  
 Power Factor: 1.0000 Frequency: 0.00Hz

**Test Infomation**

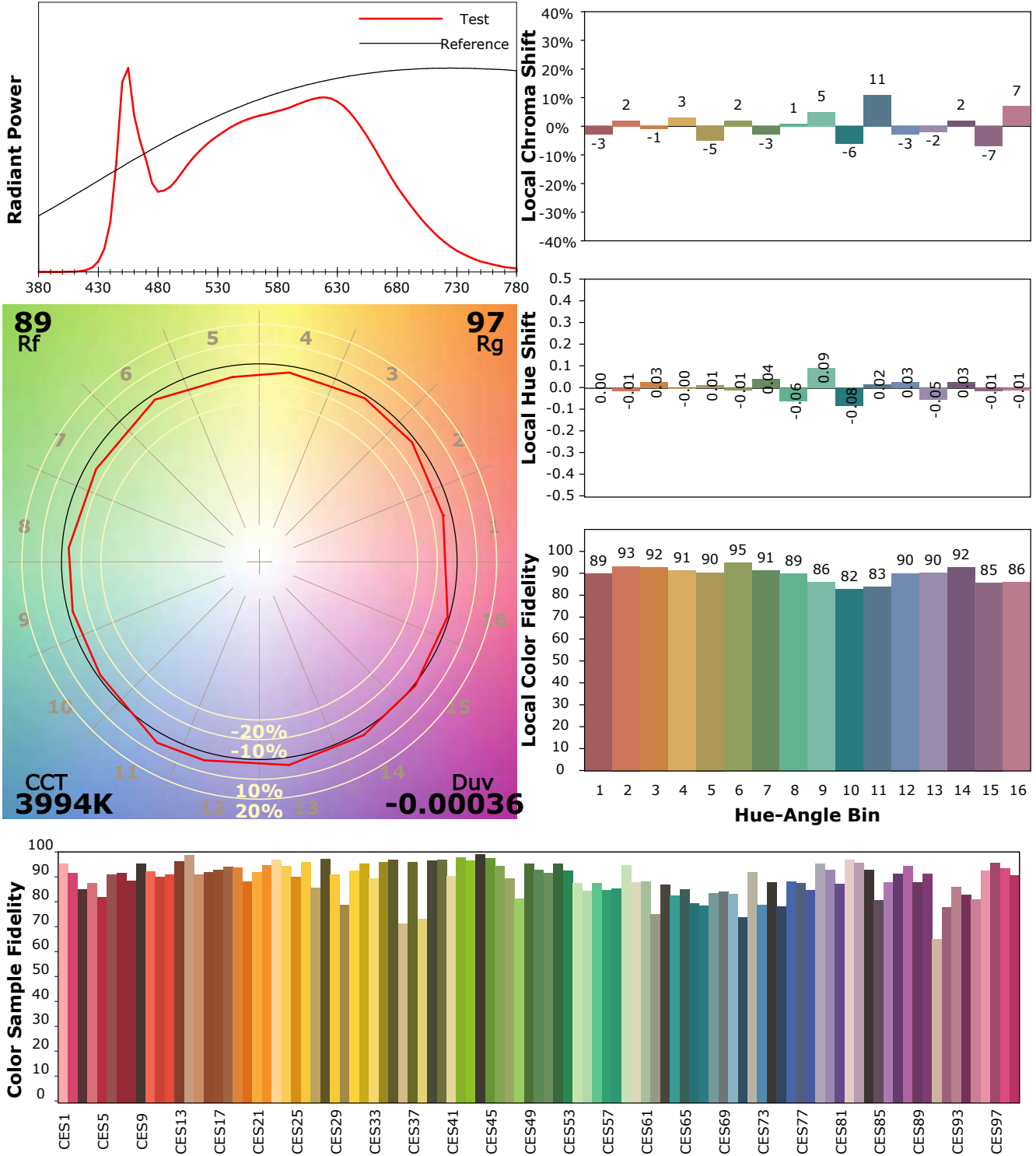
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 46232 (2181)	CCD Integration Time: 397.19 ms

## IES TM-30-18 Color Rendition Report

**Product Information**

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 Product Spec: SIDD 2  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 430  
 Buyer: TECSOLED S.L.



Condition: Tx:19.9'C, Ti:17.5'C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-11-09 15:20:44  
 Inspector: