

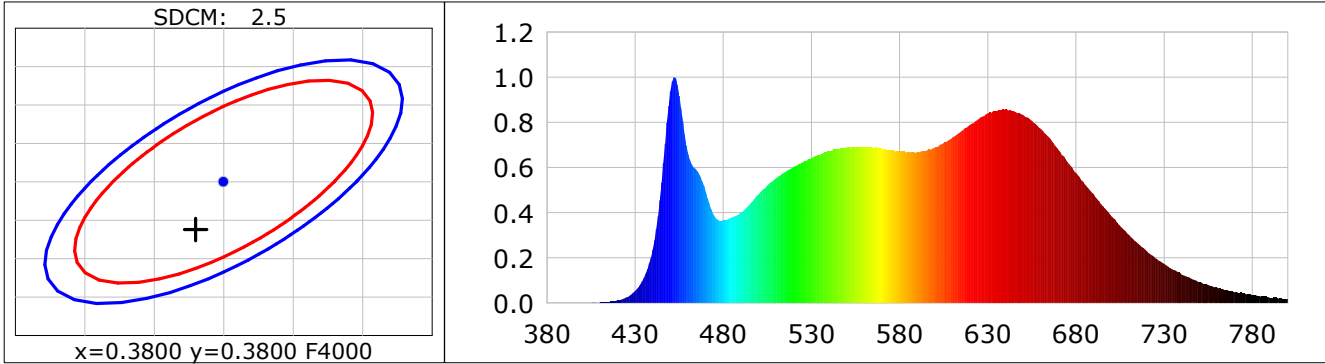
**Lightsource Test Report**

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: VUGA 2+	Product Number: 563
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3780$   $y=0.3738$   $u(u')=0.2247$   $v=0.3333$   $v'=0.4999$   
 CCT:  $T_c=4046K$  ( $duv=-0.00067$ ) Color Ratio:  $R=0.205$   $G=0.750$   $B=0.046$   
 Peak Wavelength: 452.3nm Half Bandwidth: 25.2nm  
 Dominant Wavelength: 579.3nm Color Purity: 0.256  
 CRI:  $R_a=97.2$ ,  $avgR(1\sim14)=94.9$ ,  $avgR(1\sim15)=94.9$  TM30:  $R_f=92$ ,  $R_g=100$   
 GAI:  $GAI\_BB\_8=102.3$ ,  $GAI\_BB\_15=107.5$ ,  $GAI\_EES=81.4$   
 R1 =98 R2 =100 R3 =95 R4 =99 R5 =98 R6 =96 R7 =98 R8 =95  
 R9 =88 R10=97 R11=98 R12=73 R13=98 R14=96 R15=95  
 Color Quality Scale:  $Q_a=95.1$ ,  $Q_f=94.3$ ,  $Q_p=96.6$ ,  $Q_g=101.6$   
 Q1 =93 Q2 =99 Q3 =90 Q4 =89 Q5 =93 Q6 =97 Q7 =97 Q8 =99  
 Q9 =97 Q10=98 Q11=98 Q12=100 Q13=99 Q14=99 Q15=96



**Photometric Parameters**

Luminous Flux: 1343.5 lm Efficiency: 140.77 lm/W Radiant Power: 5.058 W  
 Total mains efficacy: 130.35 lm/W Energy Efficiency Class: E (EU 2019/2015)

**Electric Parameters**

Voltage: 24.000V Current: 0.3977A Power: 9.54W  
 Power Factor: 1.0000 Frequency: 0.00Hz

**Test Infomation**

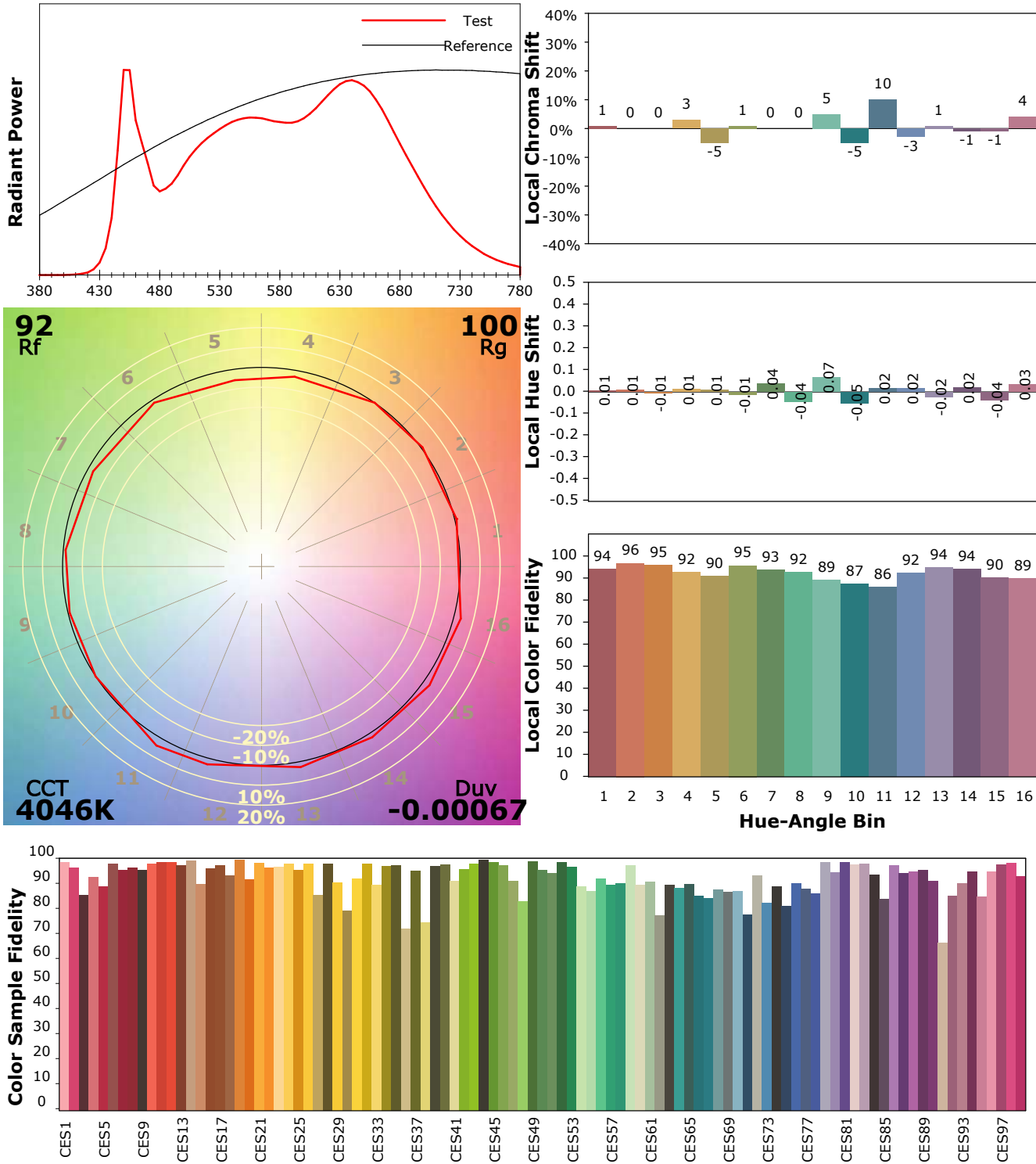
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 30 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 46857 (1984)	CCD Integration Time: 412.87 ms

## IES TM-30-18 Color Rendition Report

**Product Information**

Product Category: LED STRIP  
 Product Spec: 21106302440637  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 563  
 Buyer: TECSOLED S.L.



Condition: Tx:16.2'C, Ti:14.9'C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-11-23 10:56:48  
 Inspector: