

## Lightsource Test Report

**Product Infomation**

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: THER 5	Product Number: 255
Manufacturer: TECSOLEED S.L.	Buyer: TECSOLEED S.L.

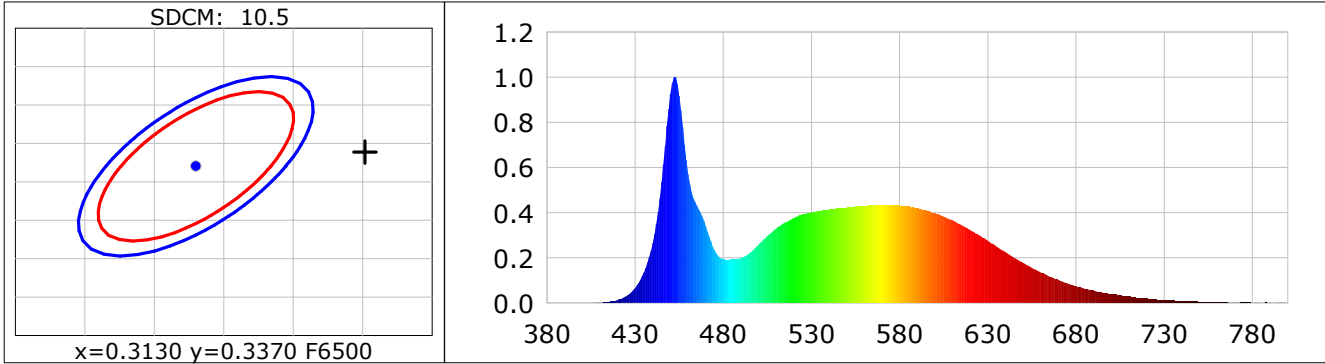
**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3252$   $y=0.3388$   $u(u')=0.2027$   $v=0.3169$   $v'=0.4753$   
 CCT:  $T_c=5832K$  ( $duv=0.00217$ ) Color Ratio:  $R=0.143$   $G=0.806$   $B=0.051$   
 Peak Wavelength: 452.5nm Half Bandwidth: 17.3nm  
 Dominant Wavelength: 500.7nm Color Purity: 0.025  
 CRI:  $R_a=82.6$ ,  $avgR(1\sim14)=75.1$ ,  $avgR(1\sim15)=75.2$  TM30:  $R_f=82$ ,  $R_g=94$   
 GAI:  $GAI\_BB\_8=91.2$ ,  $GAI\_BB\_15=97.3$ ,  $GAI\_EES=85.9$   

R1 =81	R2 =88	R3 =91	R4 =82	R5 =81	R6 =82	R7 =87	R8 =68
R9 =7	R10=70	R11=80	R12=54	R13=83	R14=95	R15=77	

 Color Quality Scale:  $Q_a=79.9$ ,  $Q_f=79.8$ ,  $Q_p=80.4$ ,  $Q_g=91.6$   

Q1 =83	Q2 =98	Q3 =75	Q4 =69	Q5 =76	Q6 =80	Q7 =85	Q8 =89
Q9 =96	Q10=85	Q11=81	Q12=80	Q13=81	Q14=71	Q15=76	



**Photometric Parameters**

Luminous Flux: 1673.2 lm Efficiency: 162.37 lm/W Radiant Power: 5.245 W  
 Total mains efficacy: 150.35 lm/W Energy Efficiency Class: D (EU 2019/2015)

**Electric Parameters**

Voltage: 24.000V Current: 0.4294A Power: 10.31W  
 Power Factor: 1.0000 Frequency: 0.00Hz

**Test Infomation**

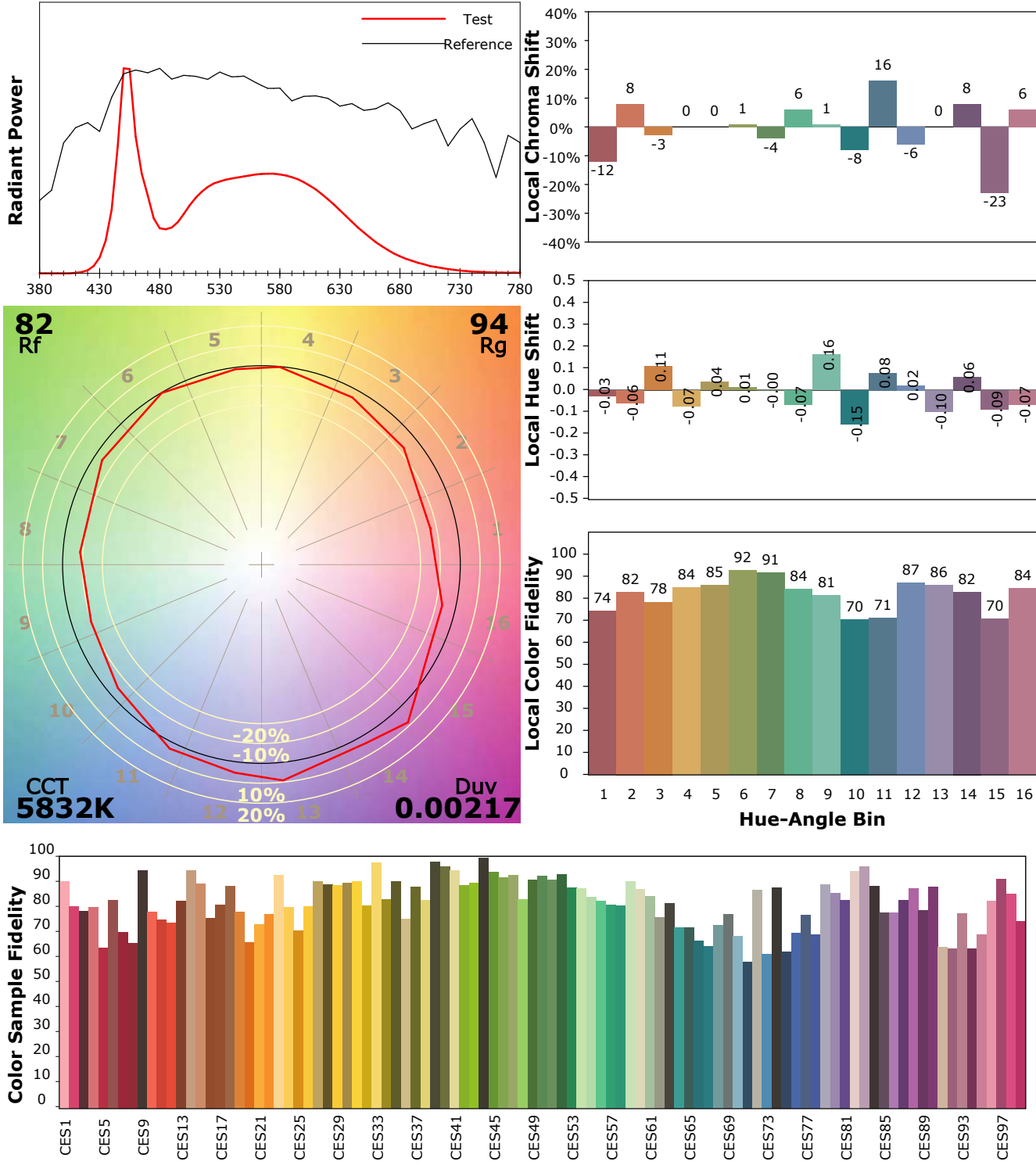
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 Max of Signal: 46329 (2257) CCD Integration Time: 189.55 ms

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

**Product Information**

Product Category: LED STRIP  
 Product Spec: 21059602440538  
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP  
 Product Number: 255  
 Buyer: TECSOLED S.L.



Condition: Tx:22.3°C, Ti:19.9°C, R.H.:60%  
 Test Lab: TECSOLED S.L.  
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2021-10-28 15:28:05  
 Inspector: