

Lightsource Test Report

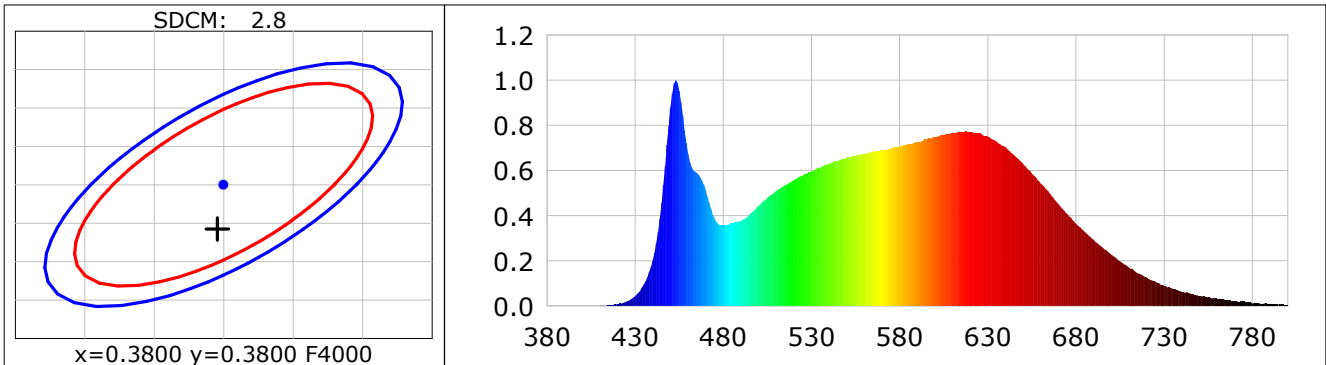
Product Infomation

Product Category: LED STRIP
 Product Spec: VUGA 2
 Manufacturer: TECSOLEED S.L.

Product Type: LED STRIP
 Product Number: 296
 Buyer: TECSOLEED S.L.

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3795$ $y=0.3742$ $u(u')=0.2255$ $v=0.3335$ $v'=0.5003$
 CCT: $T_c=4006K$ ($duv=-0.00094$) Color Ratio: $R=0.200$ $G=0.755$ $B=0.045$
 Peak Wavelength: 453.1nm Half Bandwidth: 24.9nm
 Dominant Wavelength: 579.6nm Color Purity: 0.262
 CRI: $R_a=93.8$, $avgR(1\sim14)=90.8$, $avgR(1\sim15)=90.9$ TM30: $R_f=89$, $R_g=97$
 GAI: $GAI_BB_8=98.1$, $GAI_BB_15=104.5$, $GAI_EES=77.5$
 R1 =95 R2 =98 R3 =98 R4 =92 R5 =93 R6 =94 R7 =93 R8 =87
 R9 =71 R10=93 R11=92 R12=70 R13=96 R14=99 R15=93
 Color Quality Scale: $Q_a=91.7$, $Q_f=91.5$, $Q_p=91.9$, $Q_g=97.3$
 Q1 =90 Q2 =98 Q3 =88 Q4 =84 Q5 =88 Q6 =91 Q7 =94 Q8 =95
 Q9 =99 Q10=96 Q11=95 Q12=95 Q13=95 Q14=92 Q15=91



Photometric Parameters

Luminous Flux: 1481.6 lm Efficiency: 155.15 lm/W Radiant Power: 5.044 W
 Total mains efficacy: 143.67 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.3979A Power: 9.55W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

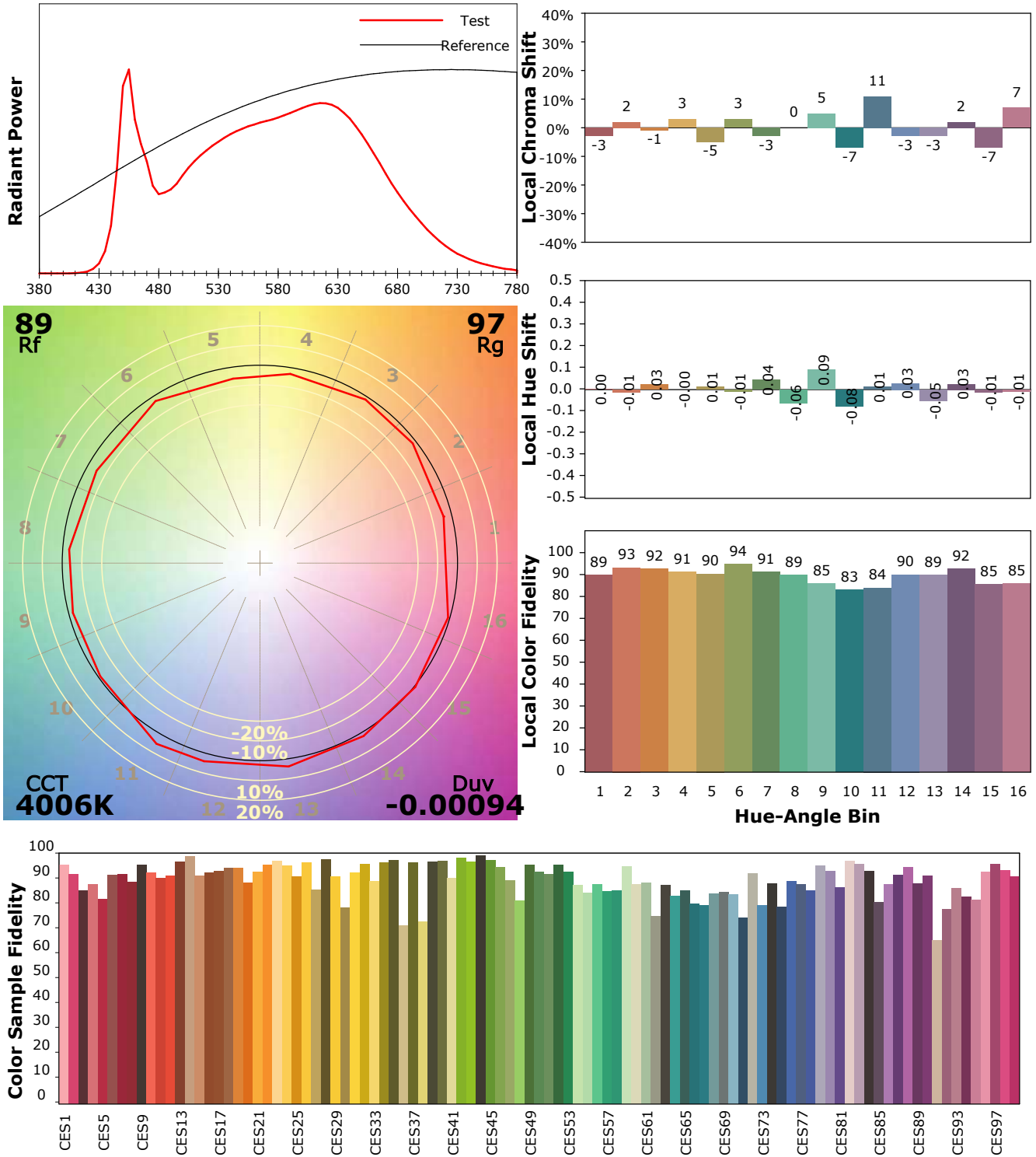
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4PI
 Max of Signal: 46463 (2081) CCD Integration Time: 365.19 ms

IES TM-30-18 Color Rendition Report

Product Information

Product Category: LED STRIP
 Product Spec: 21059602440582
 Manufacturer: TECSOLELED S.L.

Product Type: LED STRIP
 Product Number: 296
 Buyer: TECSOLELED S.L.



Condition: Tx:18.4'C, Ti:17.9'C, R.H.:60%
 Test Lab: TECSOLELED S.L.
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-11-02 09:39:08
 Inspector: