

Lightsource Test Report

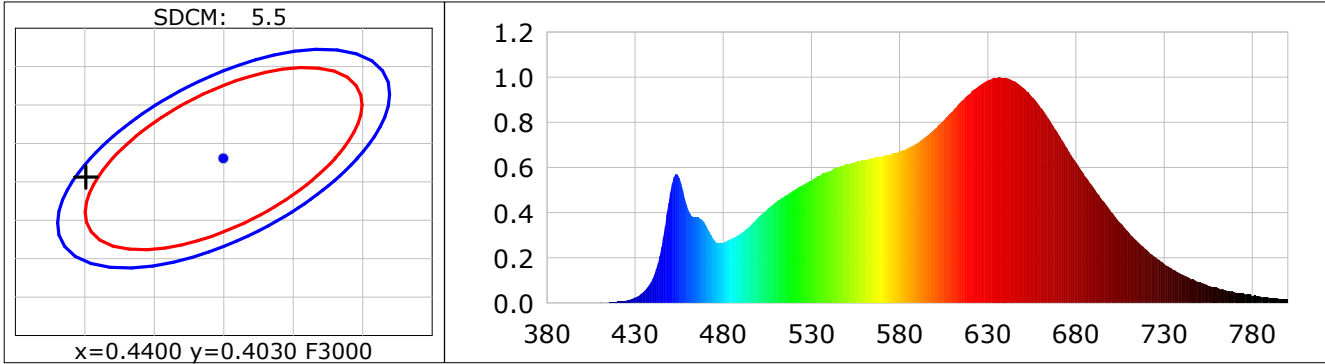
Product Infomation

Product Category: LED STRIP
 Product Spec: VUGA 3+
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
 Product Number: 564
 Buyer: TECSOLED S.L.

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4301$ $y=0.4006$ $u(u')=0.2476$ $v=0.3460$ $v'=0.5190$
 CCT: $T_c=3090K$ ($duv=-0.00042$) Color Ratio: $R=0.247$ $G=0.719$ $B=0.034$
 Peak Wavelength: 636.8nm Half Bandwidth: 170.7nm
 Dominant Wavelength: 582.6nm Color Purity: 0.493
 CRI: $R_a=97.7$, $avgR(1\sim14)=96.6$, $avgR(1\sim15)=96.6$ TM30: $R_f=93$, $R_g=100$
 GAI: $GAI_BB_8=102.1$, $GAI_BB_15=107.9$, $GAI_EES=61.1$
 R1 =97 R2 =99 R3 =97 R4 =98 R5 =98 R6 =97 R7 =98 R8 =98
 R9 =98 R10=100 R11=97 R12=82 R13=97 R14=97 R15=97
 Color Quality Scale: $Q_a=95.3$, $Q_f=95.9$, $Q_p=98.0$, $Q_g=99.5$
 Q1 =92 Q2 =97 Q3 =93 Q4 =93 Q5 =95 Q6 =97 Q7 =97 Q8 =98
 Q9 =97 Q10=98 Q11=98 Q12=97 Q13=97 Q14=96 Q15=95



Photometric Parameters

Luminous Flux: 1255.1 lm Efficiency: 128.05 lm/W Radiant Power: 4.715 W
 Total mains efficacy: 118.58 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.4084A Power: 9.80W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

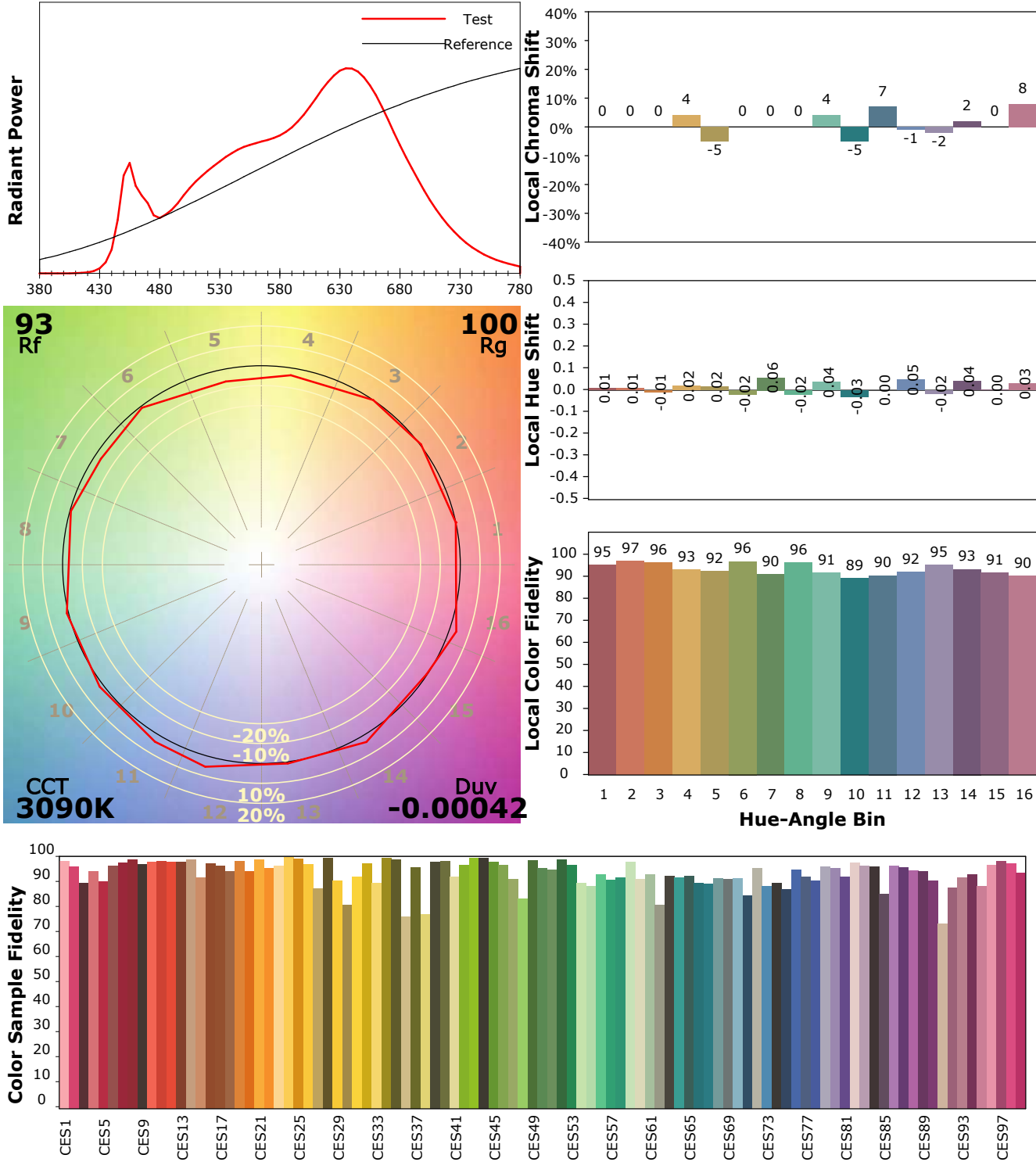
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 30 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4PI
 Max of Signal: 46400 (2037) CCD Integration Time: 583.39 ms

IES TM-30-18 Color Rendition Report

Product Information

Product Category: LED STRIP
 Product Spec: 21106302440638
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
 Product Number: 564
 Buyer: TECSOLED S.L.



Condition: Tx:16.3'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 11:00:53
 Inspector: