TECSOLED S.L.
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Tel: +34-881 924 421
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Lightsource Test Report

Product Infomation

Product Category: LED STRIP
Product Type: LED STRIP
Product Spec: ROWS 2
Product Number: 445
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

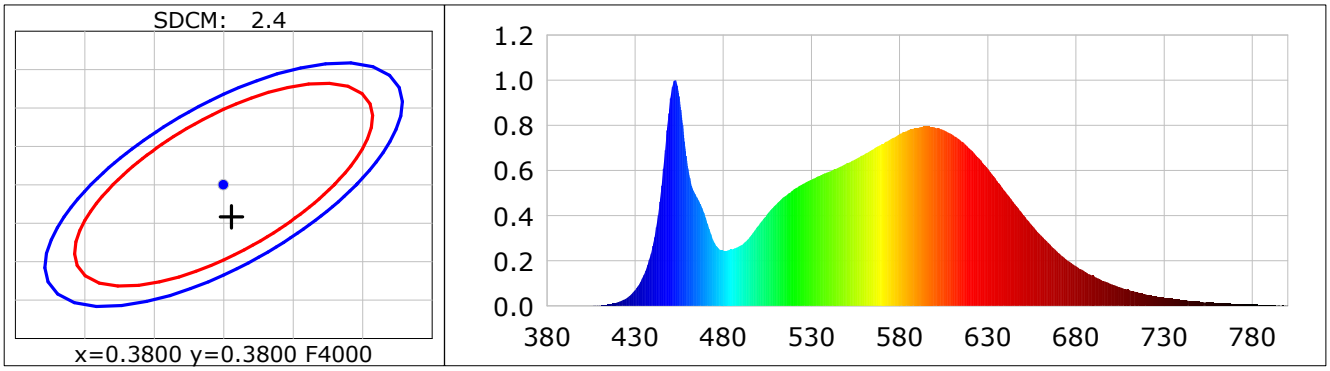
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3806 y=0.3758 u(u')=0.2256 v=0.3341 v'=0.5012
CCT: Tc=3990K (duv=-0.00048) Color Ratio: R=0.185 G=0.777 B=0.037
Peak Wavelength: 452.6nm Half Bandwidth: 19.3nm
Dominant Wavelength: 579.4nm Color Purity: 0.270
CRI: Ra= 83.5, avgR(1~14)= 77.0, avgR(1~15)= 77.0 TM30: Rf= 83, Rg= 95
GAI: GAI_BB_8=92.7, GAI_BB_15=100.3, GAI_EES=73.0

R1 =82	R2 =91	R3 =95	R4 =82	R5 =82	R6 =86	R7 =85	R8 =65
R9 =11	R10=77	R11=80	R12=60	R13=85	R14=98	R15=77	

Color Quality Scale: Qa= 82.5, Qf= 82.7, Qp= 82.4, Qg= 92.5

Q1 =82	Q2 =98	Q3 =79	Q4 =75	Q5 =80	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=89	Q11=85	Q12=84	Q13=84	Q14=73	Q15=77	



Photometric Parameters

Luminous Flux: 6788.7 lm Efficiency: 181.77 lm/W Radiant Power: 20.549 W
Total mains efficacy: 168.32 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 1.5562A Power: 37.35W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 30 Sec ALC.: 1.0000
Max of Signal: 46570 (1898)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 76.69 ms

Condition: Tx:16.3'C, Ti:16.2'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-10 08:57:36
Operator: JORDAN GIL DIAZ
Inspector:

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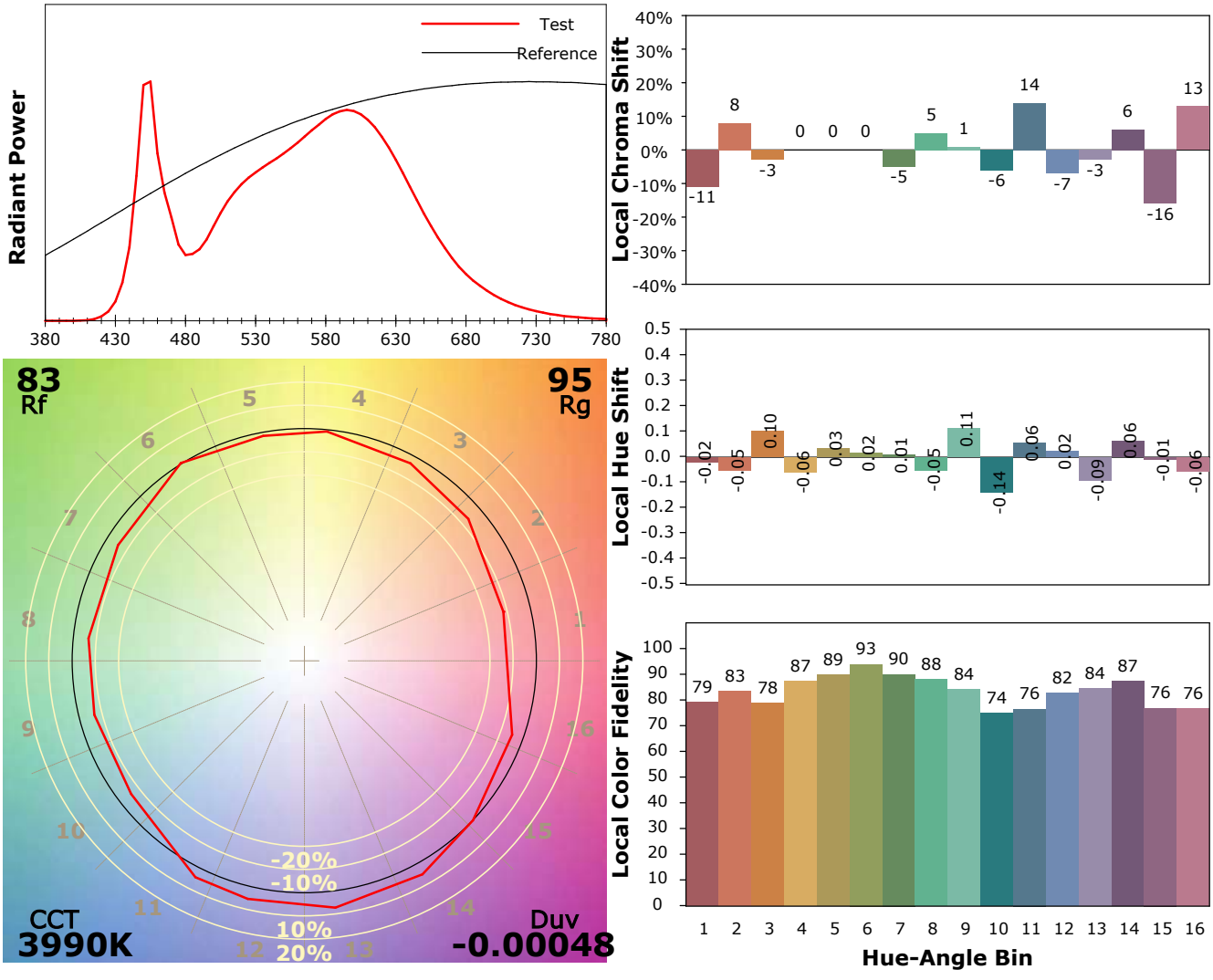
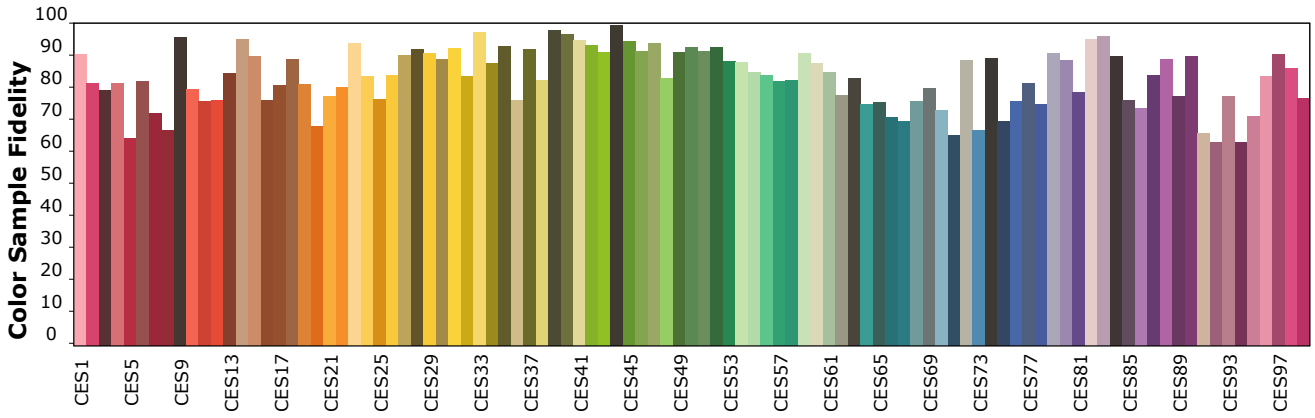
IES TM-30-18 Color Rendition Report

Product Infomation

Product Category: LED STRIP
Product Spec: ROWS 2
Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
Product Number: 445
Buyer: TECSOLED S.L.





Condition: Tx:16.3'C, Ti:16.2'C, R.H.:60%
Test Lab: TECSOLED S.L.
Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-10 08:57:36
Inspector: