TECSOLED S.L.
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Lightsource Test Report

Product Infomation

Product Category: LED STRIP
Product Type: LED STRIP
Product Spec: KAUS 8
Product Number: 428
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

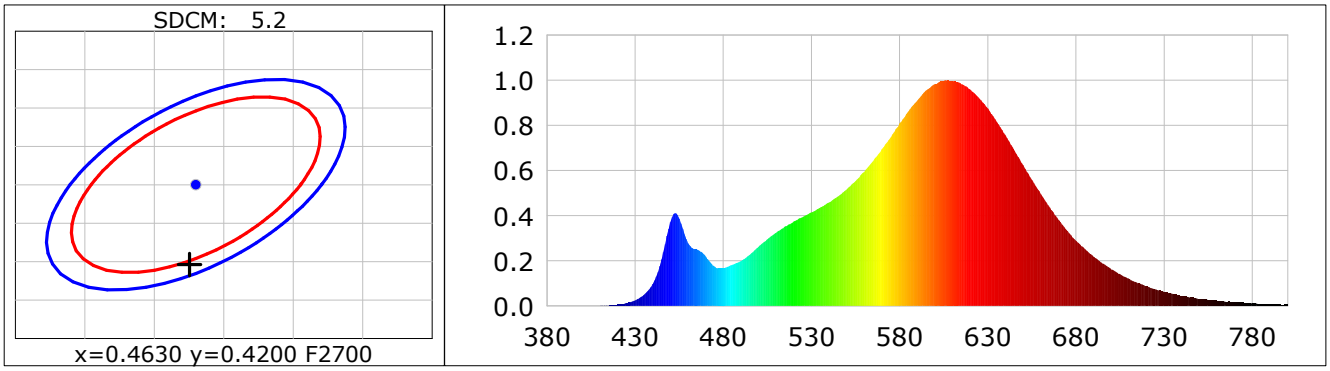
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4626 y=0.4096 u(u')=0.2647 v=0.3516 v'=0.5274
CCT: Tc=2655K (duv=-0.00058) Color Ratio: R=0.256 G=0.721 B=0.023
Peak Wavelength: 606.0nm Half Bandwidth: 112.4nm
Dominant Wavelength: 584.6nm Color Purity: 0.618
CRI: Ra= 82.5, avgR(1~14)= 77.9, avgR(1~15)= 77.6 TM30: Rf= 85, Rg= 95
GAI: GAI_BB_8=94.6, GAI_BB_15=103.3, GAI_EES=44.6

R1 =81	R2 =93	R3 =94	R4 =80	R5 =82	R6 =93	R7 =79	R8 =57
R9 =9	R10=84	R11=80	R12=77	R13=84	R14=98	R15=73	

Color Quality Scale: Qa= 82.5, Qf= 85.0, Qp= 84.5, Qg= 90.1

Q1 =78	Q2 =93	Q3 =85	Q4 =81	Q5 =83	Q6 =84	Q7 =83	Q8 =85
Q9 =93	Q10=91	Q11=87	Q12=84	Q13=82	Q14=72	Q15=74	



Photometric Parameters

Luminous Flux: 2312.8 lm Efficiency: 149.65 lm/W Radiant Power: 7.163 W
Total mains efficacy: 138.57 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6440A Power: 15.45W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 30 Sec ALC.: 1.0000
Max of Signal: 47727 (2129)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 296.61 ms

Condition: Tx:19.4'C, Ti:17.6'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-09 13:20:24
Operator: JORDAN GIL DIAZ
Inspector:

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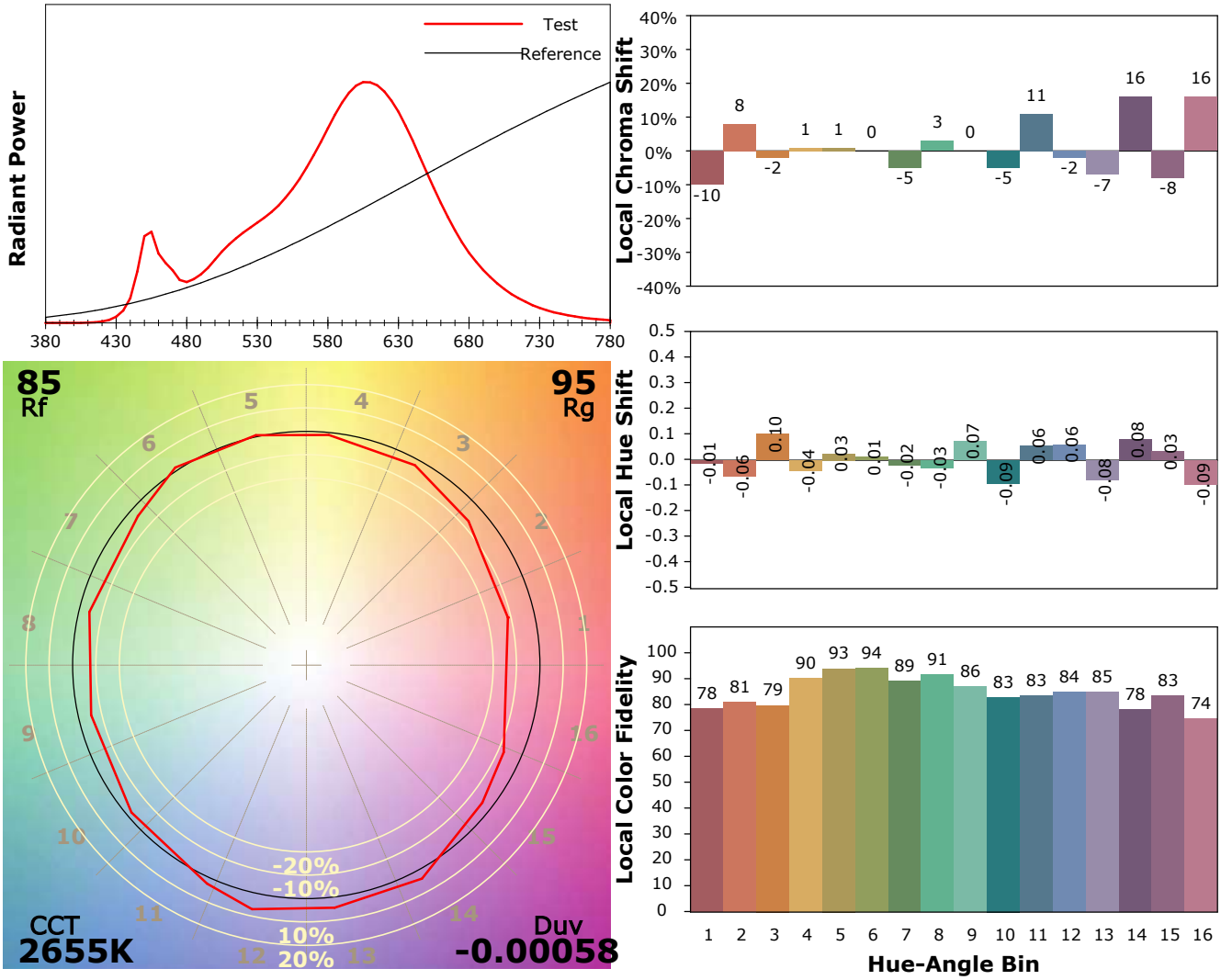
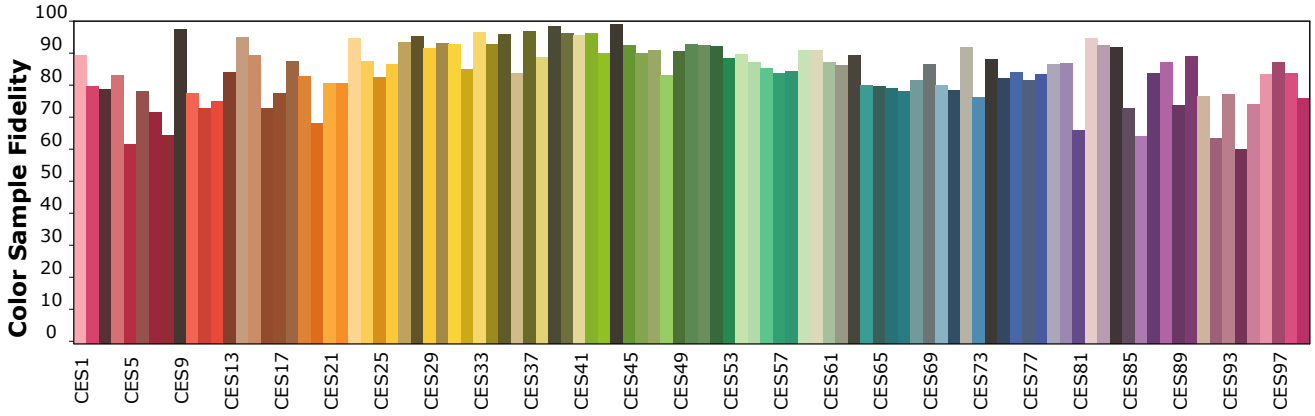
IES TM-30-18 Color Rendition Report

Product Infomation

Product Category: LED STRIP
Product Spec: KAUS 8
Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
Product Number: 428
Buyer: TECSOLED S.L.





Condition: Tx:19.4'C, Ti:17.6'C, R.H.:60%
Test Lab: TECSOLED S.L.
Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-09 13:20:24
Inspector: