

Lightsource Test Report

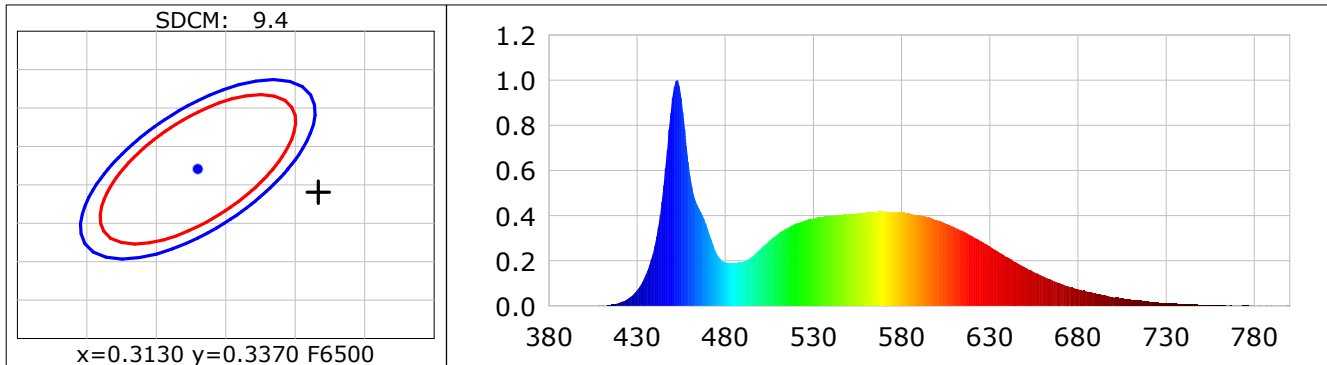
Product Infomation

Product Category: LED STRIP
 Product Spec: THER 9
 Manufacturer: TECSOLEED S.L.

Product Type: LED STRIP
 Product Number: 259
 Buyer: TECSOLEED S.L.

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3217$ $y=0.3340$ $u(u')=0.2021$ $v=0.3149$ $v'=0.4723$
 CCT: $T_c=6014K$ ($duv=0.00137$) Color Ratio: $R=0.142$ $G=0.805$ $B=0.053$
 Peak Wavelength: 452.6nm Half Bandwidth: 17.4nm
 Dominant Wavelength: 492.5nm Color Purity: 0.039
 CRI: $R_a=83.2$, $avgR(1\sim14)=75.9$, $avgR(1\sim15)=76.1$ TM30: $R_f=82$, $R_g=95$
 GAI: $GAI_BB_8=91.9$, $GAI_BB_15=97.7$, $GAI_EES=87.4$
 R1 =82 R2 =89 R3 =91 R4 =82 R5 =82 R6 =82 R7 =88 R8 =70
 R9 =11 R10=71 R11=81 R12=55 R13=84 R14=95 R15=78
 Color Quality Scale: $Q_a=80.1$, $Q_f=79.9$, $Q_p=80.9$, $Q_g=92.0$
 Q1 =84 Q2 =98 Q3 =75 Q4 =68 Q5 =76 Q6 =80 Q7 =85 Q8 =90
 Q9 =96 Q10=85 Q11=80 Q12=80 Q13=81 Q14=72 Q15=76



Photometric Parameters

Luminous Flux: 1785.8 lm Efficiency: 172.09 lm/W Radiant Power: 5.667 W
 Total mains efficacy: 159.36 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.4324A Power: 10.38W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

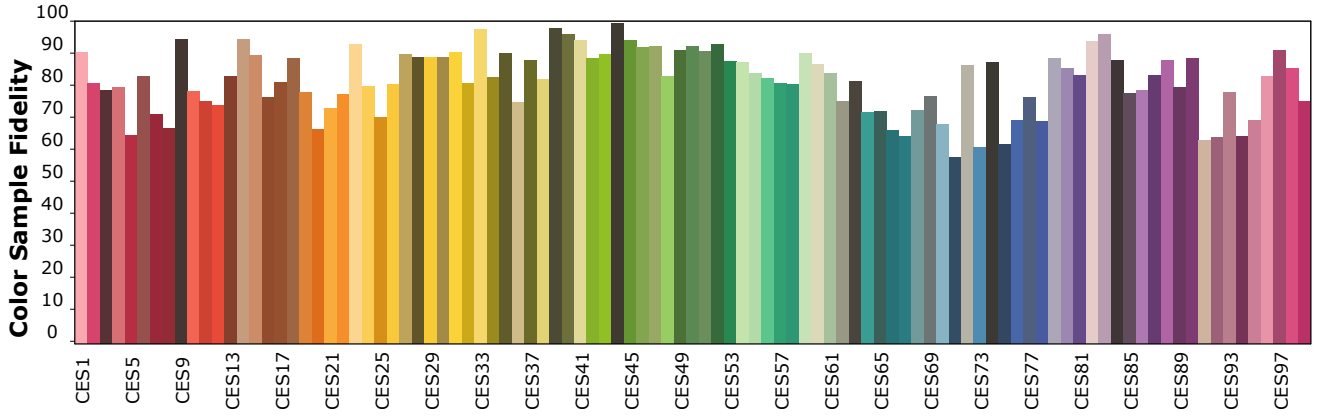
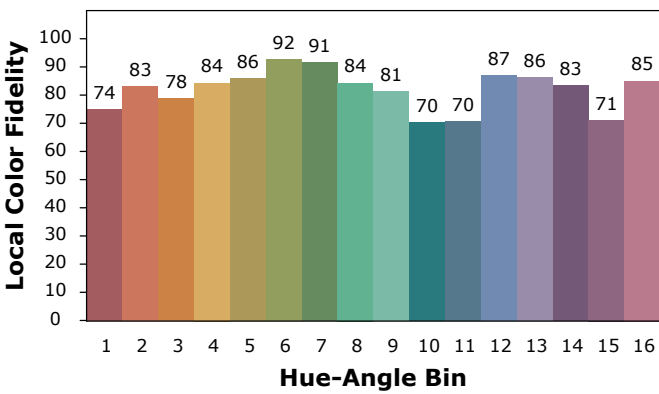
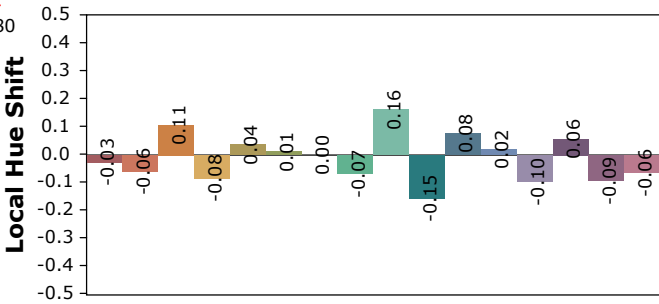
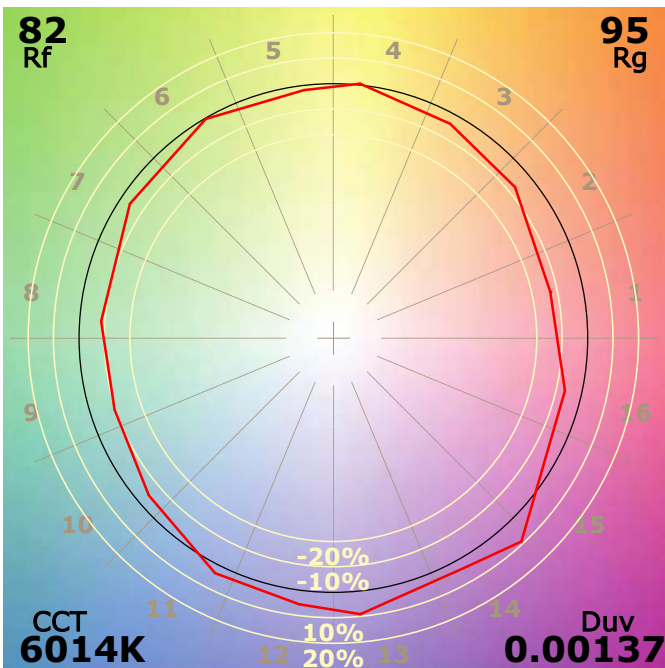
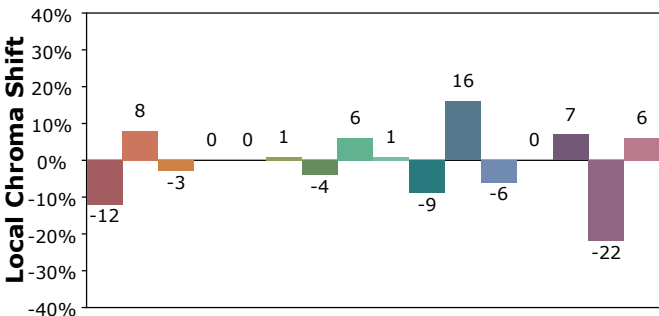
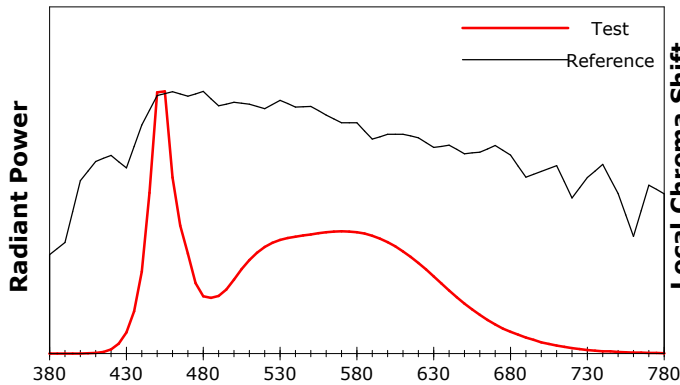
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4PI
 Max of Signal: 46738 (2249) CCD Integration Time: 172.61 ms

IES TM-30-18 Color Rendition Report

Product Information

Product Category: LED STRIP
 Product Spec: 21059602440542
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
 Product Number: 259
 Buyer: TECSOLED S.L.



Condition: Tx:22.3°C, Ti:20.0°C, R.H.:60%
 Test Lab: TECSOLED S.L.
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-10-28 15:45:46
 Inspector: