

NORDECOR Lightsource Test Report

Product Information

Product Category: Espeto led red kenya slide 2W

Product Spec: 6992

Product Number: 01

Manufacturer: NORDECOR

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4419$, $y=0.4114$; $u(u')=0.2506$, $v=0.3500$, $v'=0.5250$

CCT: $T_c=2976K$ ($duv=0.00221$)

Color Ratio: $R=0.243$, $G=0.730$, $B=0.027$

Peak Wavelength: 618.2nm

Half Bandwidth: 162.3nm

Dominant Wavelength: 582.2nm

Color Purity: 0.561

Central Wavelength: 595.9nm

Gravity Wavelength: 603.3nm

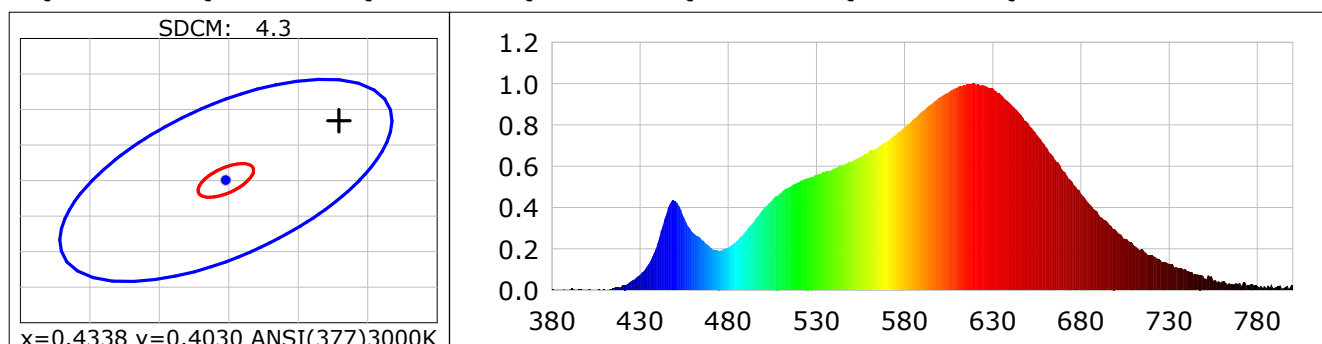
CRI: $R_a=92.6$, $avgR(1\sim14)=89.6$, $avgR(1\sim15)=89.5$

TM30: $R_f=93$, $R_g=98$

GAI: $GAI_BB_8=91.5$, $GAI_BB_15=96.4$, $GAI_EES=51.9$

COI: 3.34

 $R1=92.3$ $R2=95.3$ $R3=98.3$ $R4=94.2$ $R5=92.6$ $R6=95.8$ $R7=91.8$ $R8=80.3$
 $R9=54.0$ $R10=89.2$ $R11=96.1$ $R12=83.5$ $R13=93.0$ $R14=98.4$ $R15=87.0$ $TLCI=90$

Color Quality Scale: $Q_a=91.7$, $Q_f=93.5$, $Q_p=92.4$, $Q_g=94.4$
 $Q1=88$ $Q2=96$ $Q3=92$ $Q4=92$ $Q5=93$ $Q6=93$ $Q7=94$ $Q8=95$
 $Q9=97$ $Q10=95$ $Q11=94$ $Q12=94$ $Q13=93$ $Q14=86$ $Q15=87$

Photometric Parameters

Luminous Flux: 89.609 lm

Efficiency: 46.67 lm/W

Radiant Power: 0.301 W

Total mains efficacy: 46.67 lm/W Energy Efficiency Class: G (EU 2019/2015)

Melanin Flux: 0.057 W M/R: 0.5289 MDER: 0.4813

Mesopic Flux (CIE R.): 101.16 lm ($L_p=0.100$ cd/m², $S/P=1.39$)

Mesopic Flux (USP): 110.96 lm ($L_p=0.100$ cd/m², $S/P=1.39$)

Mesopic Flux (MOVE): 103.14 lm ($L_p=0.100$ cd/m², $S/P=1.39$)

Electric Parameters

Voltage: 110.20V

Current: 0.0290A

Power: 1.92W

Power Factor: 0.5930

Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms ALCL.: 1.0000

Photometric Condition: Sphere diameter: 2.00m, 4PI

Max of Signal: 53399 (3413)

CCD Integration Time: 3944.03 ms

Condition: $T_x=21.1^\circ C$, $T_i=21.3^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S(PLUS)

Test Time: 2026-07-23 10:48:41

Auditor:

NORDECOR

IES TM-30-24 Color Rendition Report

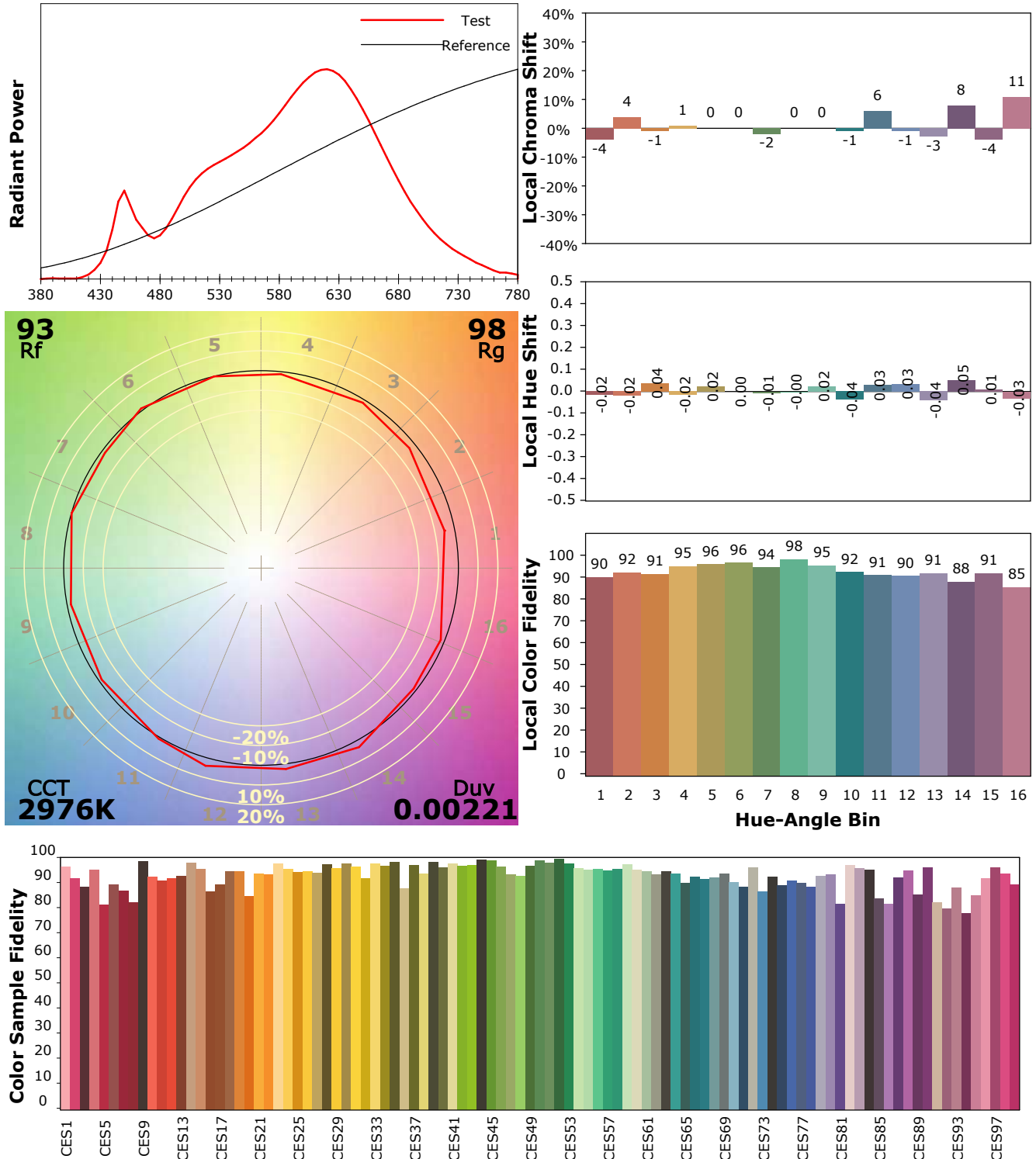
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