

NORDECOR Lightsource Test Report

Product Information

Product Category: Espeto led red kenya slide 2W

Product Spec: 6992

Product Number: 02

Manufacturer: NORDECOR

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4430$, $y=0.4120$; $u(u')=0.2511$, $v=0.3502$, $v'=0.5254$

CCT: $T_c=2964K$ ($duv=0.00230$)

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

Peak Wavelength: 618.1nm

Half Bandwidth: 160.8nm

Dominant Wavelength: 582.2nm

Color Purity: 0.566

Central Wavelength: 595.9nm

Gravity Wavelength: 603.3nm

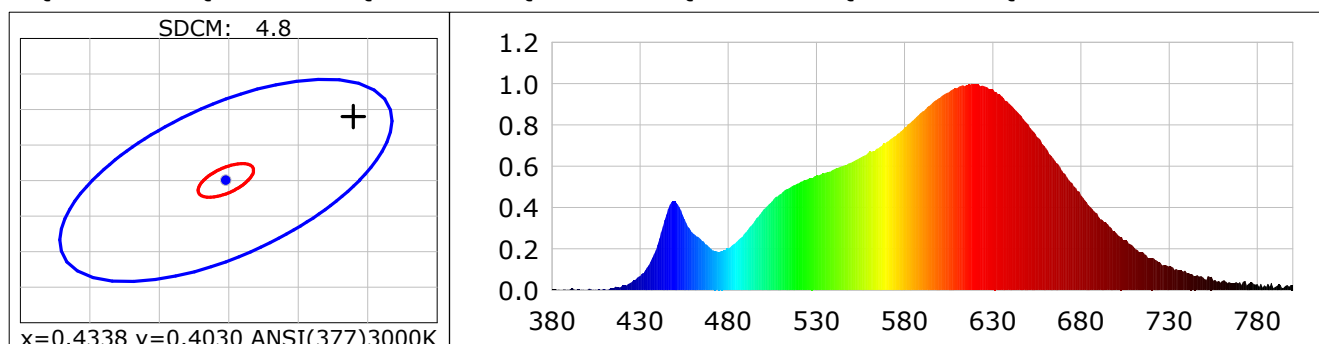
CRI: $R_a=92.4$, $avgR(1\sim14)=89.4$, $avgR(1\sim15)=89.2$

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

GAI: $GAI_BB_8=91.0$, $GAI_BB_15=96.1$, $GAI_EES=51.3$

COI: 3.38

 $R1=92.1$ $R2=95.2$ $R3=98.4$ $R4=94.0$ $R5=92.4$ $R6=95.7$ $R7=91.6$ $R8=79.8$
 $R9=52.9$ $R10=89.1$ $R11=96.0$ $R12=83.2$ $R13=92.8$ $R14=98.4$ $R15=86.6$ $TLCI=89$

Color Quality Scale: $Q_a=91.6$, $Q_f=93.4$, $Q_p=92.2$, $Q_g=94.2$
 $Q1=88$ $Q2=96$ $Q3=92$ $Q4=92$ $Q5=93$ $Q6=93$ $Q7=94$ $Q8=95$
 $Q9=97$ $Q10=95$ $Q11=94$ $Q12=94$ $Q13=93$ $Q14=85$ $Q15=86$

Photometric Parameters

Luminous Flux: 87.745 lm

Efficiency: 45.70 lm/W

Radiant Power: 0.293 W

Total mains efficacy: 45.70 lm/W Energy Efficiency Class: G (EU 2019/2015)

Melanin Flux: 0.055 W M/R: 0.5255 MDER: 0.4782

Mesopic Flux (CIE R.): 98.87 lm ($L_p=0.100$ cd/m², $S/P=1.39$)

Mesopic Flux (USP): 108.33 lm ($L_p=0.100$ cd/m², $S/P=1.39$)

Mesopic Flux (MOVE): 100.78 lm ($L_p=0.100$ cd/m², $S/P=1.39$)

Electric Parameters

Voltage: 220.40V

Current: 0.0190A

Power: 1.92W

Power Factor: 0.4560

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: 50062 (3672)

CCD Integration Time: 3751.61 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 10:49:58

Auditor:

NORDECOR

IES TM-30-24 Color Rendition Report

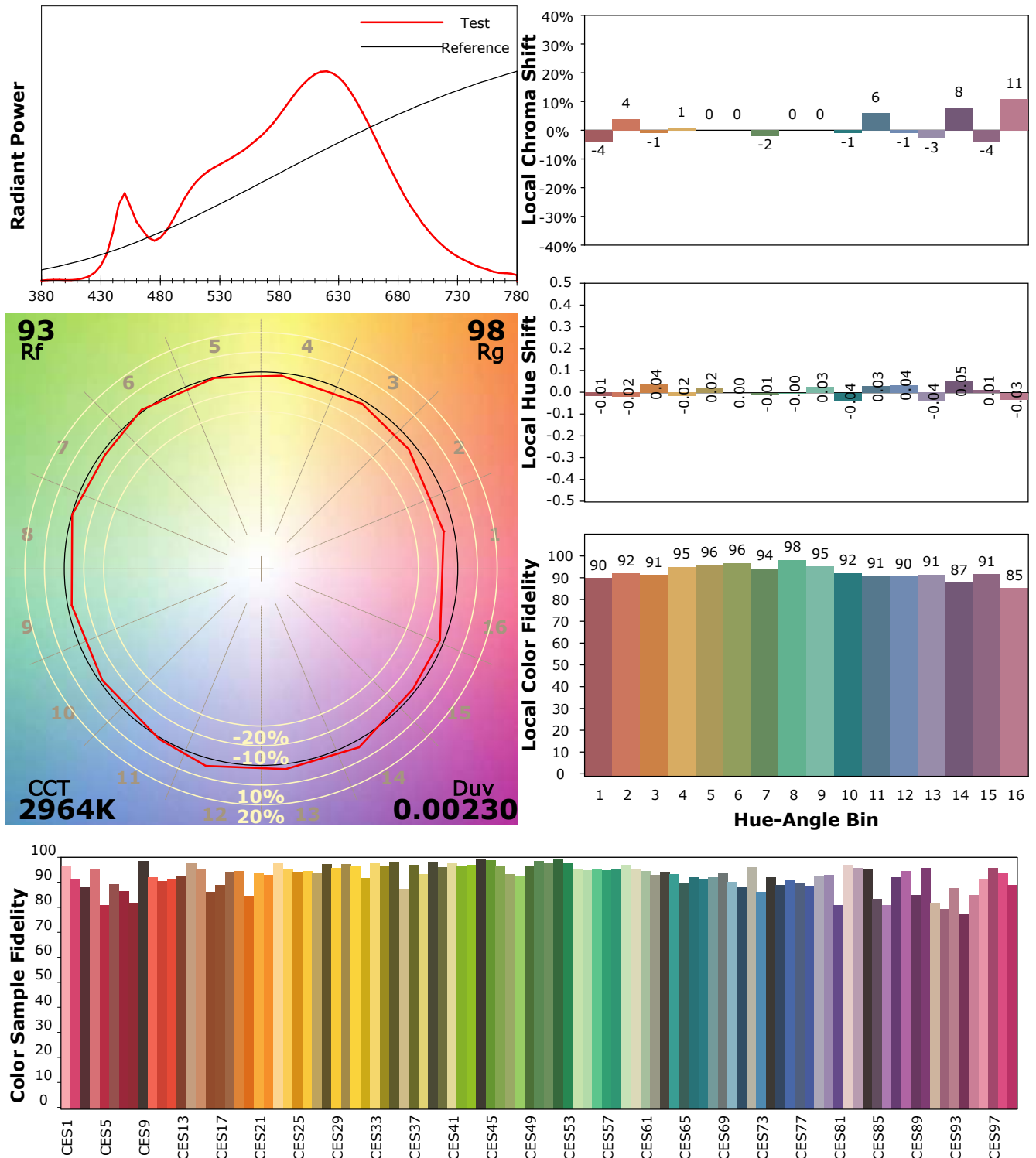
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