

NORDECOR Lightsource Test Report

Product Information

Product Category: SPOT LED MIES 2W 3000K

Product Number: 02

Product Spec: 6480

Manufacturer: NORDECOR

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4361$, $y=0.4012$; $u(u')=0.2513$, $v=0.3467$, $v'=0.5201$

CCT: $T_c=2990K$ ($duv=-0.00105$)

Color Ratio: $R=0.237$, $G=0.736$, $B=0.028$

Peak Wavelength: 608.2nm

Half Bandwidth: 132.0nm

Dominant Wavelength: 583.2nm

Color Purity: 0.513

Central Wavelength: 593.8nm

Gravity Wavelength: 598.5nm

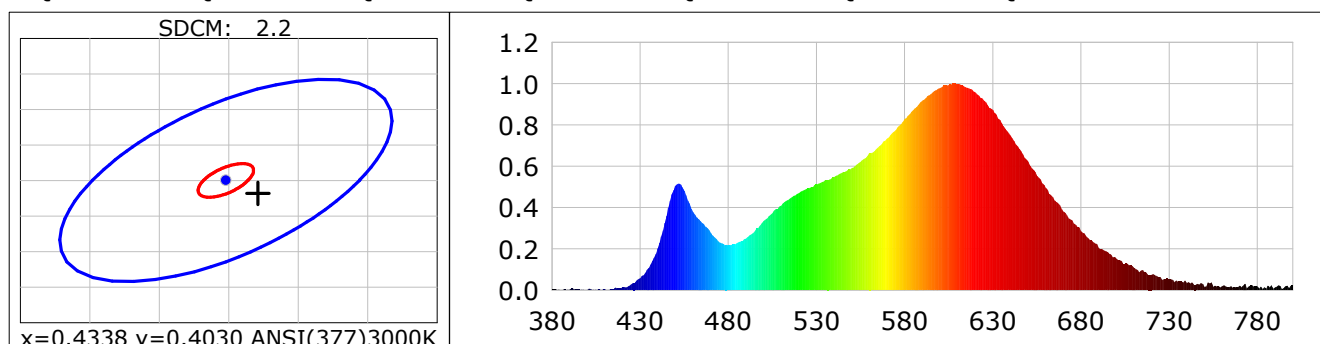
CRI: $R_a=86.1$, $avgR(1\sim14)=81.9$, $avgR(1\sim15)=81.7$

TM30: $R_f=87$, $R_g=97$

GAI: $GAI_BB_8=97.3$, $GAI_BB_15=104.1$, $GAI_EES=55.6$

COI: 4.99

 $R1=85.6$ $R2=93.9$ $R3=96.5$ $R4=85.2$ $R5=86.4$ $R6=93.5$ $R7=83.5$ $R8=64.5$
 $R9=21.4$ $R10=85.9$ $R11=85.8$ $R12=77.4$ $R13=87.8$ $R14=99.0$ $R15=78.5$ $TLCI=74$

Color Quality Scale: $Q_a=85.4$, $Q_f=86.9$, $Q_p=87.0$, $Q_g=93.0$
 $Q1=81$ $Q2=95$ $Q3=86$ $Q4=83$ $Q5=86$ $Q6=87$ $Q7=87$ $Q8=88$
 $Q9=96$ $Q10=92$ $Q11=89$ $Q12=87$ $Q13=86$ $Q14=76$ $Q15=78$

Photometric Parameters

Luminous Flux: 47.421 lm

Efficiency: 39.19 lm/W

Radiant Power: 0.147 W

Total mains efficacy: 39.19 lm/W Energy Efficiency Class: G (EU 2019/2015)

Melanin Flux: 0.030 W M/R: 0.5338 MDER: 0.4858

Mesopic Flux (CIE R.): 53.39 lm ($L_p=0.100$ cd/m², $S/P=1.38$)

Mesopic Flux (USP): 58.47 lm ($L_p=0.100$ cd/m², $S/P=1.38$)

Mesopic Flux (MOVE): 54.42 lm ($L_p=0.100$ cd/m², $S/P=1.38$)

Electric Parameters

Voltage: 110.20V

Current: 0.0190A

Power: 1.21W

Power Factor: 0.5730

Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms ALC.: 1.0000

Photometric Condition: Sphere diameter: 2.00m, 4PI

Max of Signal: 46873 (3319)

CCD Integration Time: 6092.56 ms

Condition: $T_x=16.6^{\circ}C$, $T_i=16.6^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S(PLUS)

Test Time: 2026-07-08 10:49:22

Auditor:

NORDECOR

IES TM-30-24 Color Rendition Report

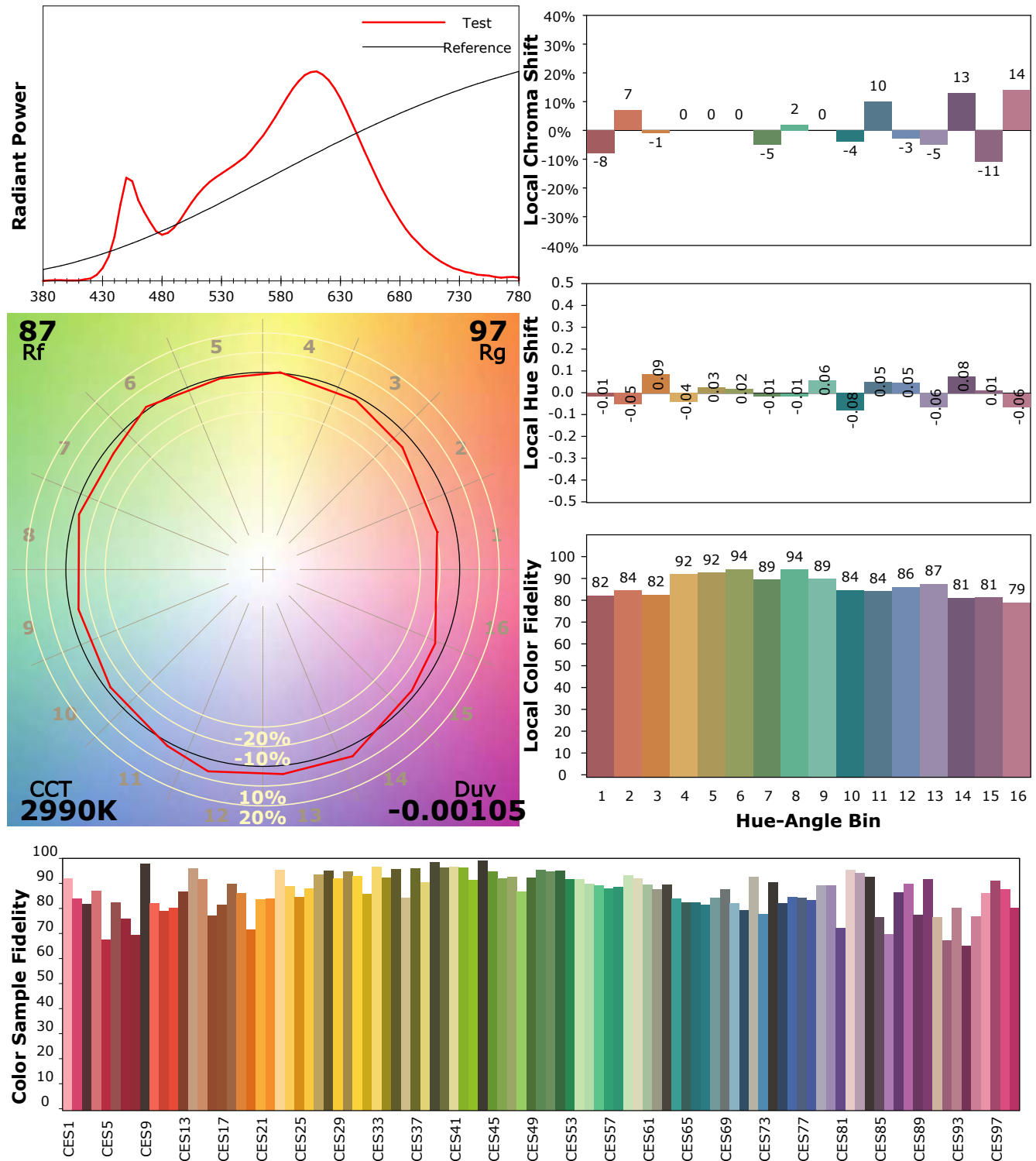
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