

## NORDECOR Lightsource Test Report

### Product Information

Product Category: ESPETO LED KENY 2W 80LM 3K

Product Number: 3

Product Spec: 6991

Manufacturer: NORDECOR

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4484$   $y=0.4103$   $u(u')=0.2552$   $v=0.3503$   $v'=0.5255$ 

CCT:  $T_c=2866K$  ( $duv=0.00099$ )

Color Ratio:  $R=0.252$   $G=0.722$   $B=0.026$ 

Peak Wavelength: 618.1nm

Half Bandwidth: 152.0nm

Dominant Wavelength: 583.1nm

Color Purity: 0.577

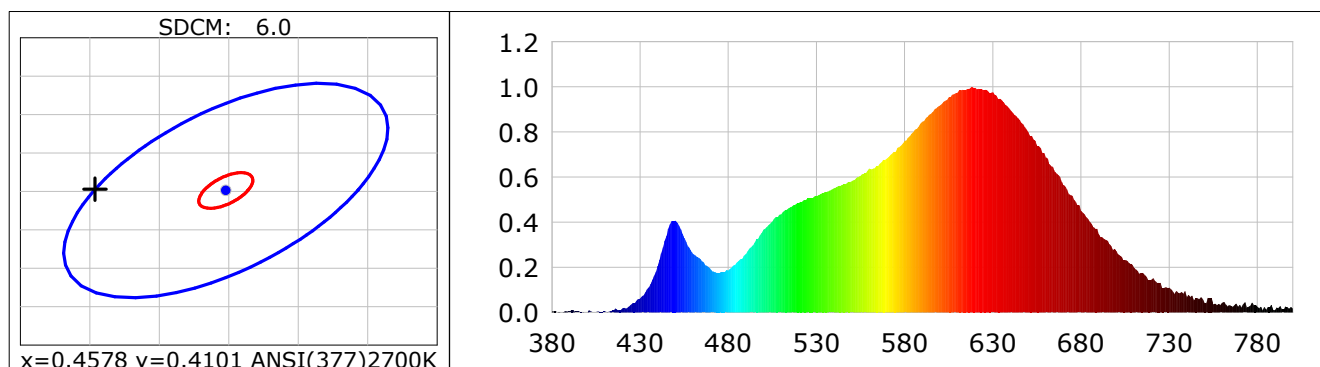
Central Wave: 600.1nm

Gravity Wave: 606.0nm

CRI:  $R_a=92.9$ ,  $avgR(1\sim14)=90.3$ ,  $avgR(1\sim15)=90.1$ 

TM30:  $R_f=93$ ,  $R_g=99$ 

GAI:  $GAI\_BB\_8=95.1$ ,  $GAI\_BB\_15=99.8$ ,  $GAI\_EES=51.0$ 
 $R1=93$ 
 $R2=96$ 
 $R3=99$ 
 $R4=95$ 
 $R5=93$ 
 $R6=97$ 
 $R7=91$ 
 $R8=80$ 
 $R9=54$ 
 $R10=91$ 
 $R11=97$ 
 $R12=86$ 
 $R13=94$ 
 $R14=99$ 
 $R15=87$ 
 $TLCI=89$ 

Color Quality Scale:  $Q_a=91.6$ ,  $Q_f=93.5$ ,  $Q_p=92.9$ ,  $Q_g=95.1$ 
 $Q1=87$ 
 $Q2=95$ 
 $Q3=92$ 
 $Q4=92$ 
 $Q5=94$ 
 $Q6=93$ 
 $Q7=93$ 
 $Q8=94$ 
 $Q9=97$ 
 $Q10=95$ 
 $Q11=95$ 
 $Q12=94$ 
 $Q13=93$ 
 $Q14=86$ 
 $Q15=86$ 


### Photometric Parameters

Luminous Flux: 99.232 lm

Efficiency: 50.89 lm/W

Radiant Power: 0.335 W

Total mains efficacy: 50.89 lm/W Energy Efficiency Class: G (EU 2019/2015)

Melanin Flux: 0.061 W M/R: 0.5129 MDER: 0.4667

Mesopic Flux (CIE R.): 110.86 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.36$ )

Mesopic Flux (USP): 120.82 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.36$ )

Mesopic Flux (MOVE): 112.86 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.36$ )

### Electric Parameters

Voltage: 220.40V

Current: 0.0200A

Power: 1.95W

Power Factor: 0.4500

Frequency: 60.00Hz

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms ALC.: 1.0000

Max of Signal: 43828 (4140)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 2998.21 ms

Condition:  $T_x=25.1^{\circ}C$ ,  $T_i=22.6^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S (Plus)

Test Time: 2026-03-19 09:04:08

Auditor:

## NORDECOR

### IES TM-30-18 Color Rendition Report

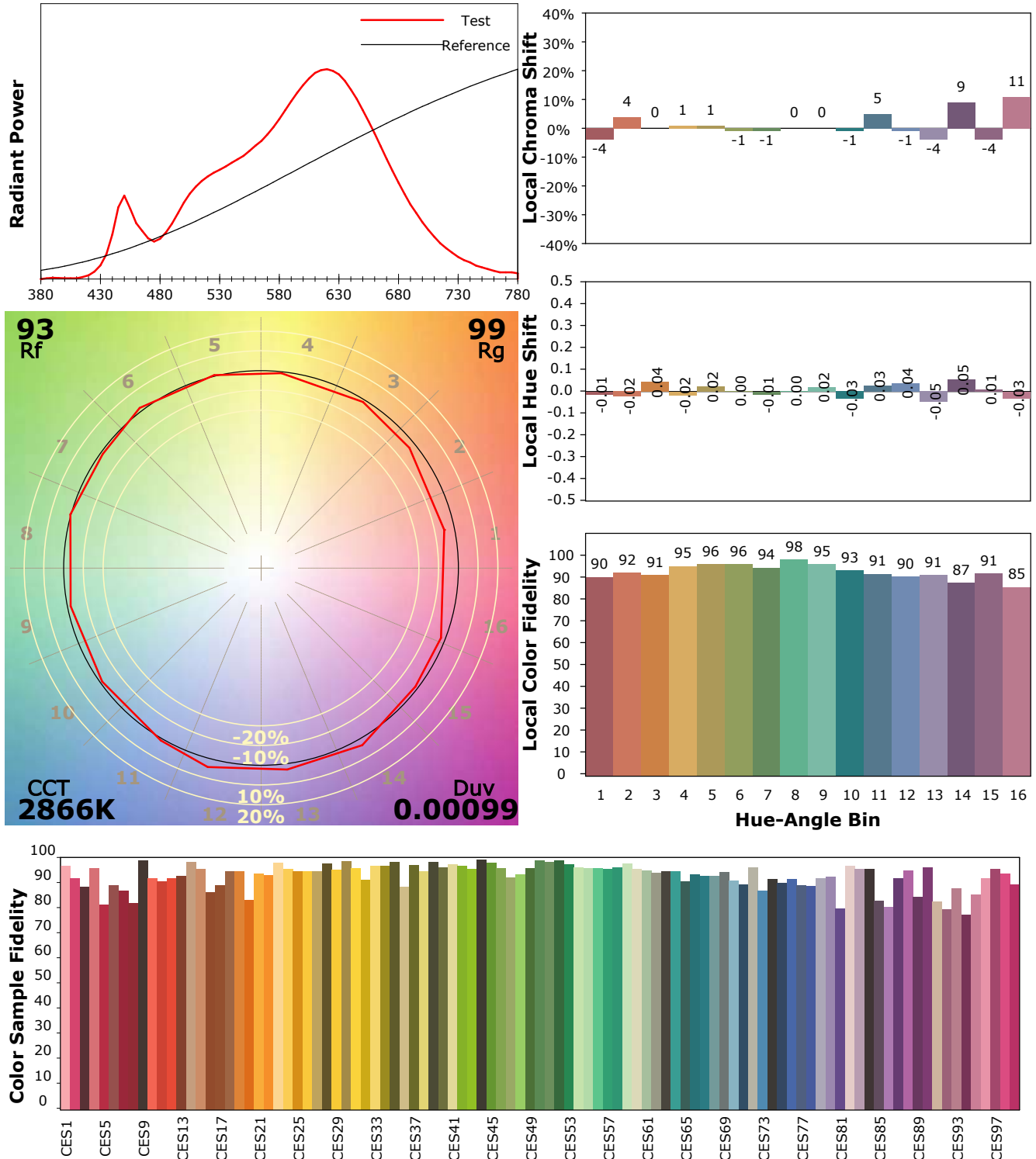
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