

Lightsource Test Report

Product Infomation

Product Type: 1.39

Product Number: 1

Buyer:

Product Spec: 长剑一代1头-6500K-4AH

Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3075$ $y=0.3465$ $u(u')=0.1880$ $v=0.3177$ $v'=0.4766$

CCT: $T_c=6638K$ ($duv=0.01439$)

Peak Wavelength: 460.9nm

Dominant Wavelength: 498.4nm

Central Wave: 461.4nm

CRI: $R_a=74.7$

Color Ratio: $R=0.115$ $G=0.823$ $B=0.062$

Half Bandwidth: 17.6nm

Color Purity: 0.080

Gravity Wave: 461.3nm

TM30: $R_f=74$, $R_g=84$

GAI: $GAI_BB_8=75.4$, $GAI_BB_15=83.8$, $GAI_EES=74.0$

$R1=71$

$R2=87$

$R3=91$

$R4=64$

$R5=70$

$R6=81$

$R7=80$

$R8=54$

$R9=-36$

$R10=68$

$R11=61$

$R12=42$

$R13=76$

$R14=95$

$R15=63$

Color Quality Scale: $Q_a=73.2$, $Q_f=74.0$, $Q_p=69.7$, $Q_g=81.0$

$Q1=69$

$Q2=91$

$Q3=81$

$Q4=64$

$Q5=64$

$Q6=62$

$Q7=70$

$Q8=81$

$Q9=94$

$Q10=91$

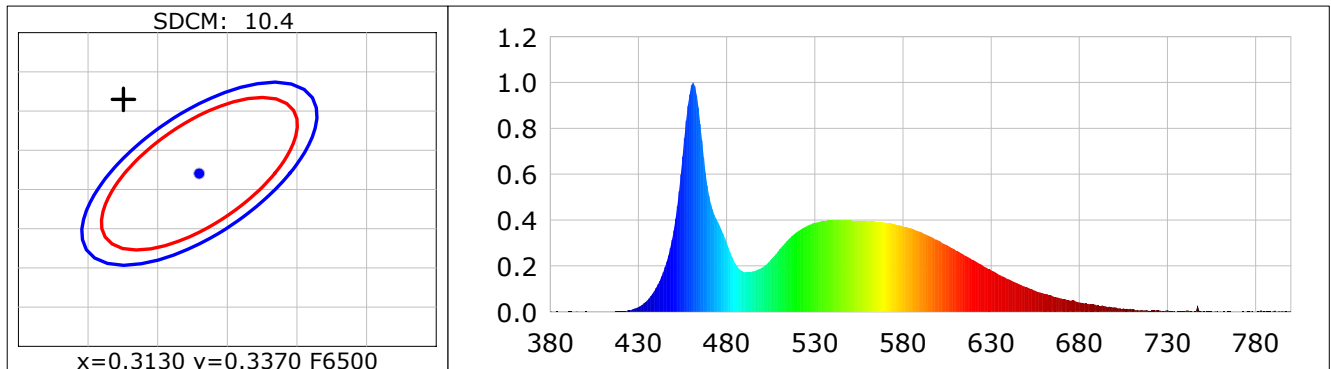
$Q11=84$

$Q12=82$

$Q13=79$

$Q14=59$

$Q15=65$



Photometric Parameters

Luminous Flux: 604.24 lm

Efficiency: 0.00 lm/W

Radiant Power: 1.820 W

Total mains efficacy: 0.00 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.90V

Current: 0.0000A

Power: 0.00W

Power Factor: 0.0000

Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 45535 (3460)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 340.41 ms

Condition: $T_x=28.8^{\circ}C$, $T_i=26.8^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S (Plus)

Test Time: 2025-12-08 18:46:36

Inspector:

Product Information

IES TM-30-18 Color Rendition Report

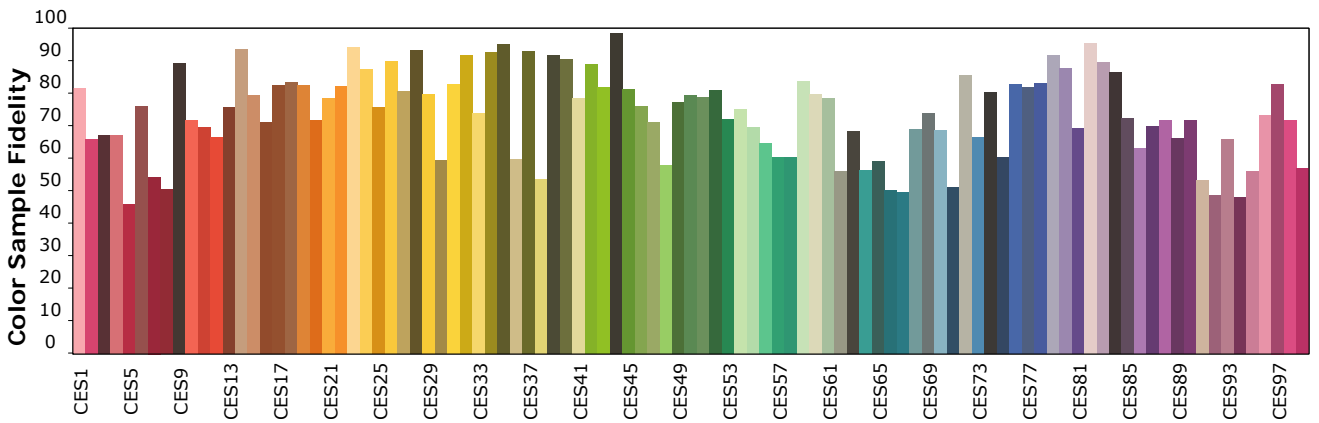
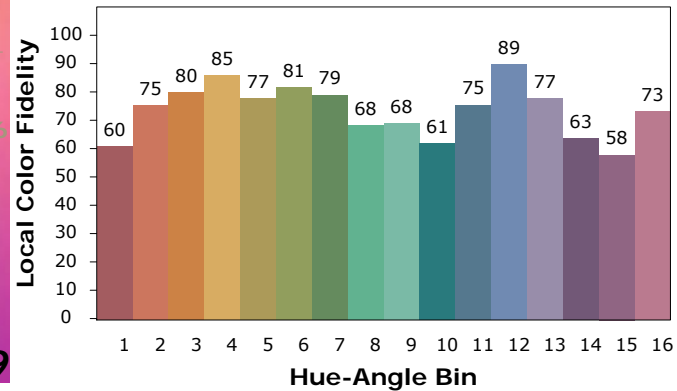
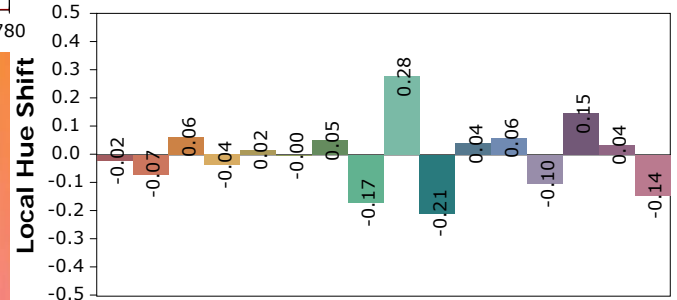
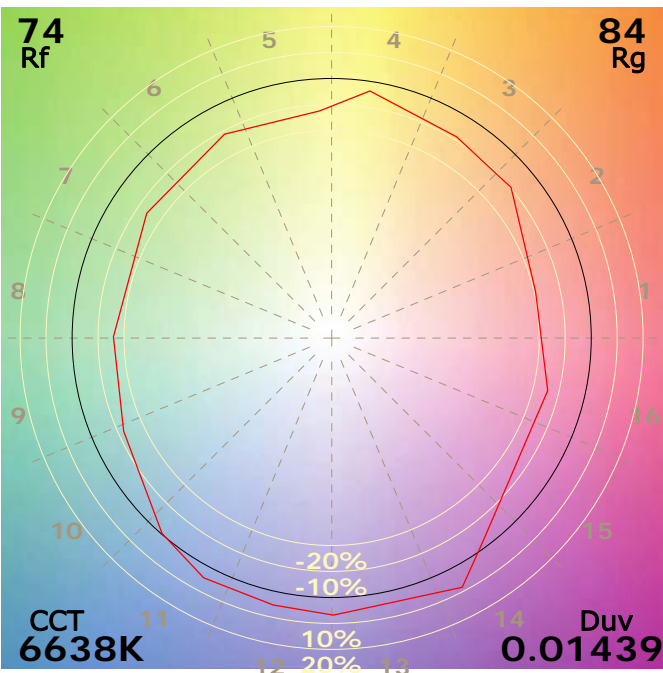
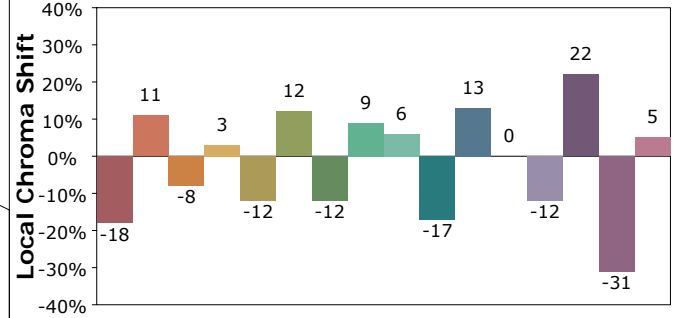
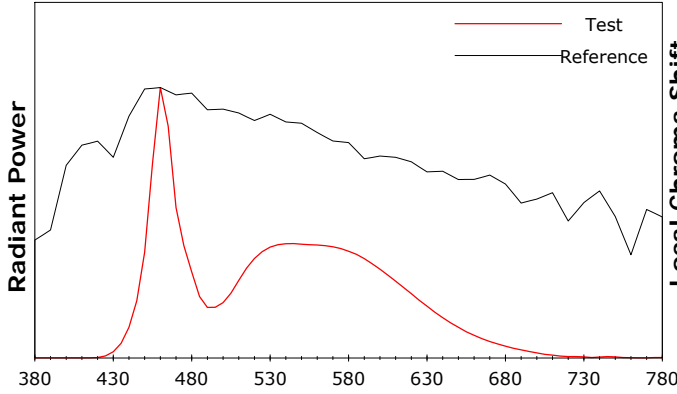
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