

Spectrum Test Report

Sample :
Specification : EKF5096HL90
Sample No. : 52
Manufacturer :

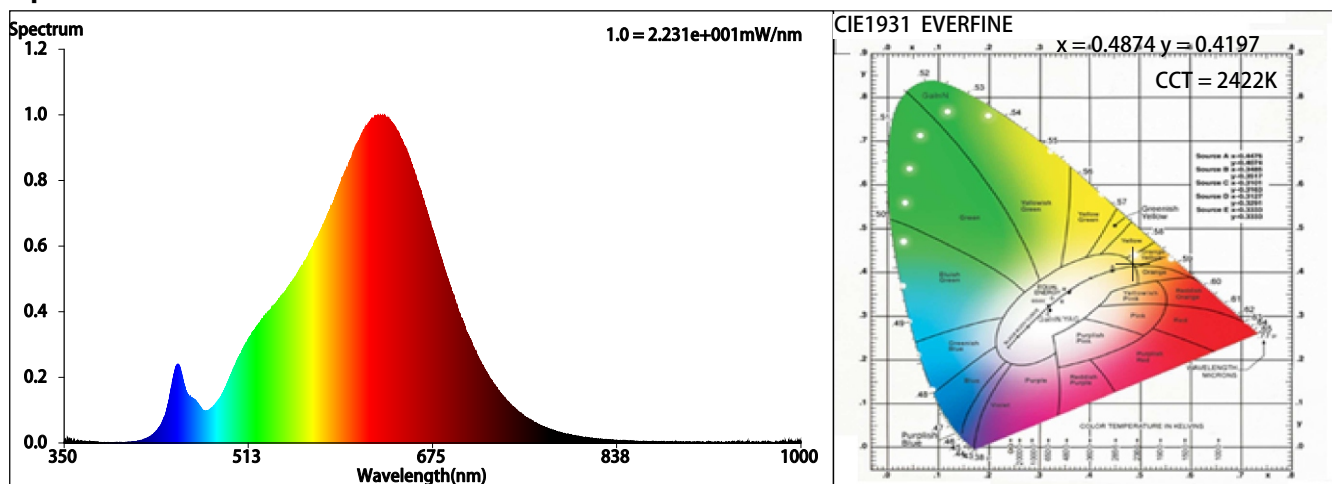
Date : 2022-03-31 14:26:04
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : QC
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 55.0%
IP : 46239 (71%)
T : 226 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4874, y = 0.4197 / u' = 0.2761, v' = 0.5349$ ($duv=1.66 \times 10^{-3}$)

CCT= 2422K Prcp WL: $L_d=585.3\text{nm}$ Purity=72.3%

Peak WL: $L_p=629\text{nm}$ FWHM: $=135.4\text{nm}$ Ratio: R=28.8% G=69.5% B=1.7%

Render Index: $R_a = 92.5$ TM30: $R_f=93, R_g=98$

R1=92 R2=95 R3=97 R4=93 R5=92 R6=96 R7=92

R8=81 R9=59 R10=89 R11=95 R12=85 R13=93 R14=98 R15=88

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 922.59 lm Eff. : 83.58 lm/W $F_e = 3.4575 \text{ W}$

Electrical parameters

V = 24.00 V I = 0.4600 A P = 11.04 W PF = 1.000

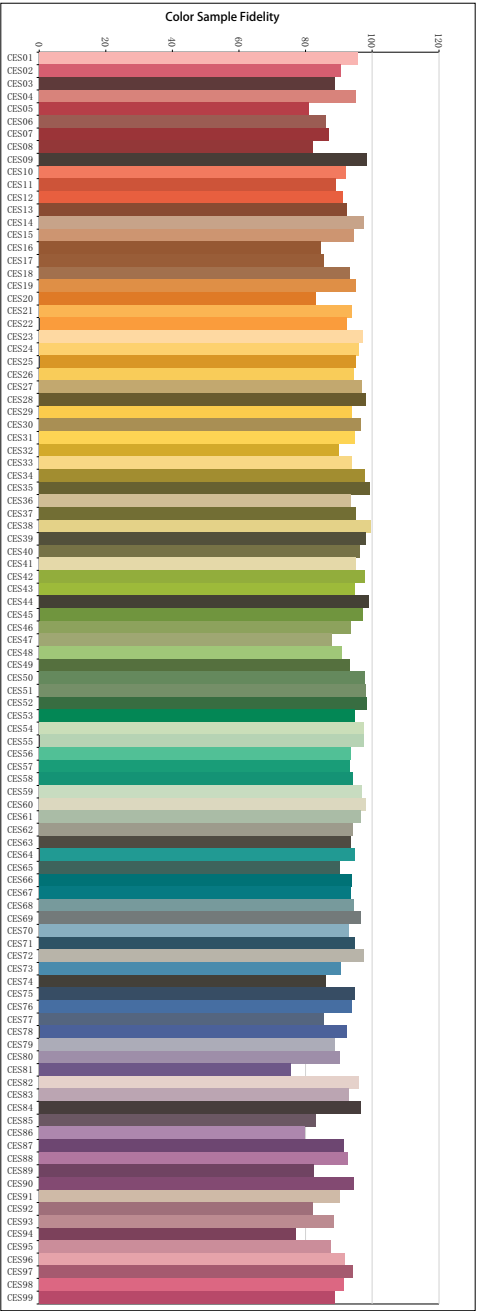
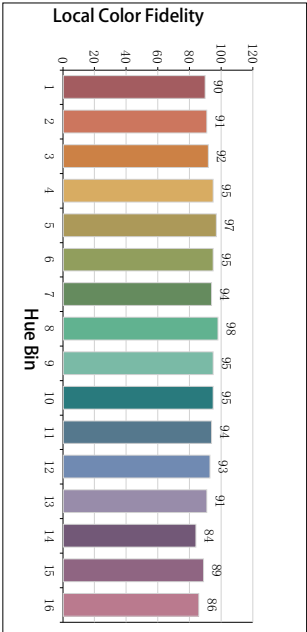
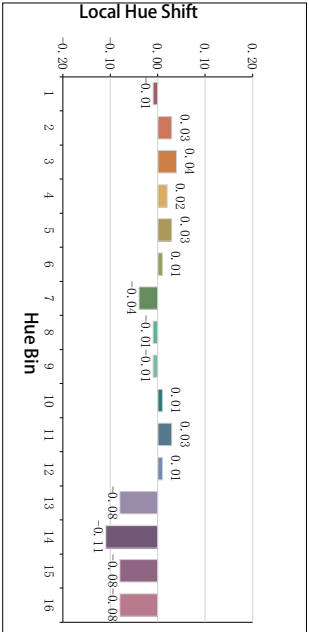
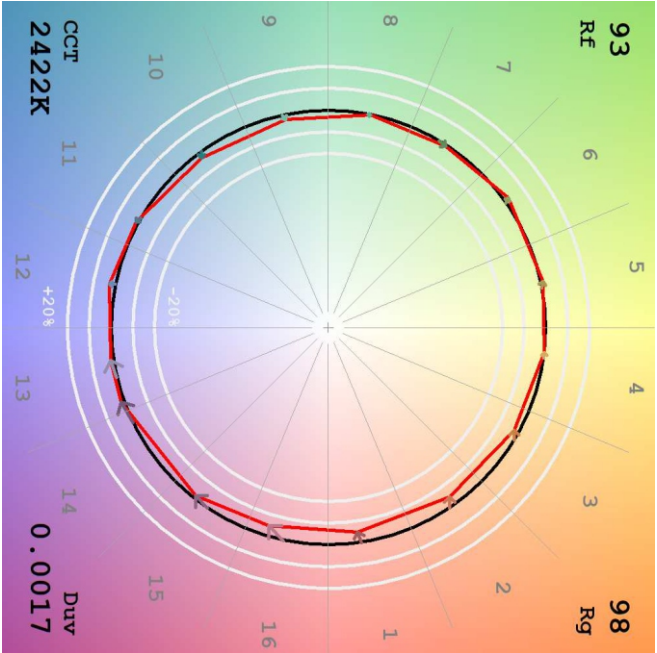
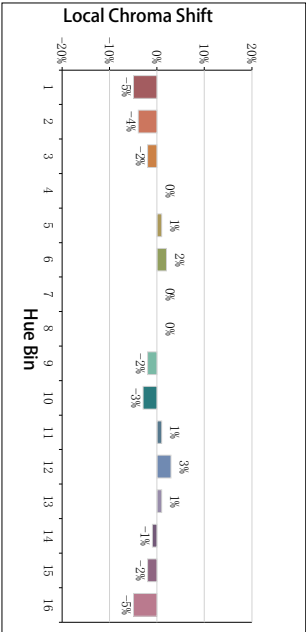
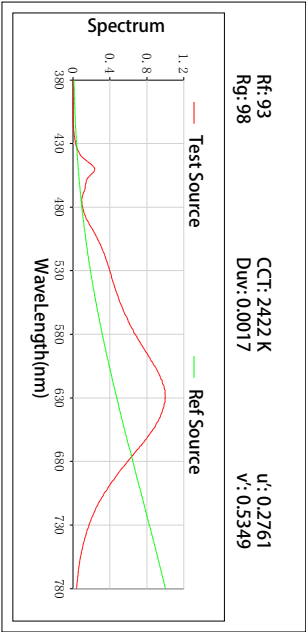
Freq=0.00 Hz

GBT5702

$R_a = 90$

$G_a = 0.98$

TM30



All Rf:

Rf1 = 95.6	Rf2 = 90.5	Rf3 = 88.8	Rf4 = 95.1
Rf5 = 81.1	Rf6 = 86.0	Rf7 = 87.1	Rf8 = 82.2
Rf9 = 98.4	Rf10 = 92.0	Rf11 = 89.3	Rf12 = 91.3
Rf13 = 92.4	Rf14 = 97.7	Rf15 = 94.5	Rf16 = 84.5
Rf17 = 85.6	Rf18 = 93.2	Rf19 = 95.1	Rf20 = 83.3
Rf21 = 93.8	Rf22 = 92.3	Rf23 = 97.3	Rf24 = 96.2
Rf25 = 94.9	Rf26 = 94.6	Rf27 = 96.8	Rf28 = 98.1
Rf29 = 93.9	Rf30 = 96.5	Rf31 = 94.9	Rf32 = 90.0
Rf33 = 93.9	Rf34 = 98.0	Rf35 = 99.2	Rf36 = 93.5
Rf37 = 95.2	Rf38 = 99.7	Rf39 = 98.1	Rf40 = 96.5
Rf41 = 95.1	Rf42 = 98.0	Rf43 = 94.9	Rf44 = 99.1
Rf45 = 97.1	Rf46 = 93.5	Rf47 = 88.0	Rf48 = 91.1
Rf49 = 93.4	Rf50 = 98.0	Rf51 = 98.2	Rf52 = 98.3
Rf53 = 94.8	Rf54 = 97.5	Rf55 = 97.4	Rf56 = 93.7
Rf57 = 93.4	Rf58 = 94.2	Rf59 = 96.9	Rf60 = 98.3
Rf61 = 96.5	Rf62 = 94.1	Rf63 = 93.6	Rf64 = 94.7
Rf65 = 90.3	Rf66 = 93.9	Rf67 = 93.6	Rf68 = 94.5
Rf69 = 96.7	Rf70 = 93.0	Rf71 = 94.8	Rf72 = 97.7
Rf73 = 90.7	Rf74 = 86.0	Rf75 = 94.7	Rf76 = 94.0
Rf77 = 85.5	Rf78 = 92.2	Rf79 = 88.9	Rf80 = 90.3
Rf81 = 75.7	Rf82 = 95.9	Rf83 = 93.0	Rf84 = 96.5
Rf85 = 83.2	Rf86 = 79.8	Rf87 = 91.4	Rf88 = 92.8
Rf89 = 82.5	Rf90 = 94.4	Rf91 = 90.3	Rf92 = 82.3
Rf93 = 88.5	Rf94 = 77.2	Rf95 = 87.5	Rf96 = 91.7
Rf97 = 94.1	Rf98 = 91.7	Rf99 = 89.0	