

Spectrum Test Report

Sample :
Specification : EKF5214HL90
Sample No. : 14
Manufacturer :

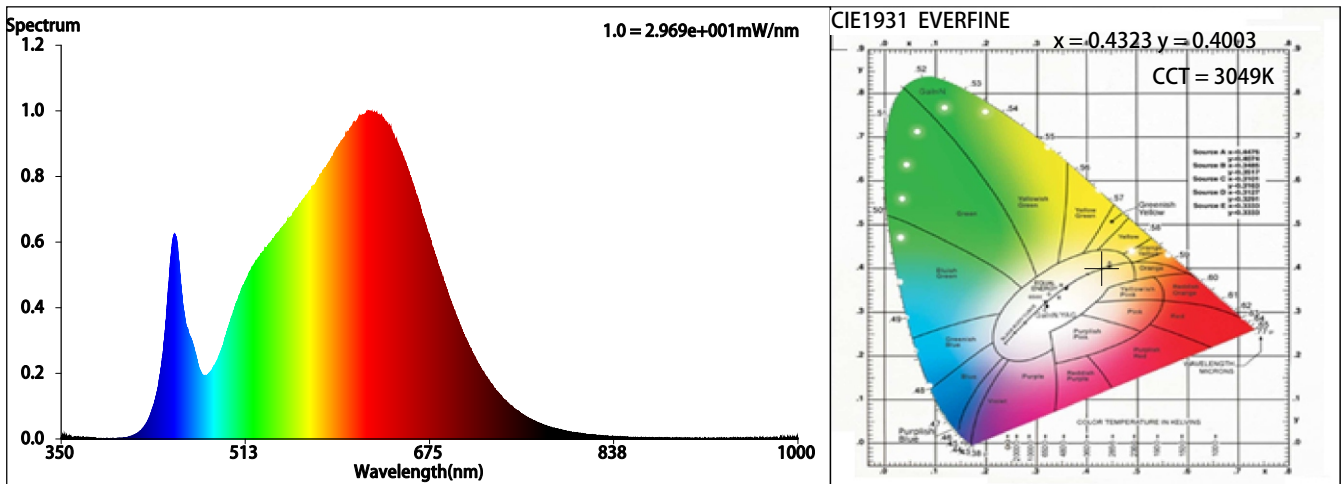
Date : 2022-04-08 14:00:45
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : QC
Assessor : damin

Test Condition

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

RH : 55.0%
IP : 52190 (80%)
T : 184 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4323$ $y = 0.4003$ / $u' = 0.2492$ $v' = 0.5192$ ($duv = -8.62e-04$)

CCT= 3049K Prcp WL: $L_d = 582.9nm$ Purity=49.9%

Peak WL: $L_p = 622nm$ FWHM: $=170.1nm$ Ratio: R=23.9% G=73.4% B=2.7%

Render Index: $R_a = 92.3$ TM30: $R_f = 91$ $R_g = 101$

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

R8 =84 R9 =63 R10=87 R11=93 R12=78 R13=93 R14=97 R15=90

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1514.2 lm Eff. : 103.20 lm/W $Fe = 5.3683 W$

Electrical parameters

V = 24.00 V I = 0.6114 A P = 14.67 W PF = 1.000

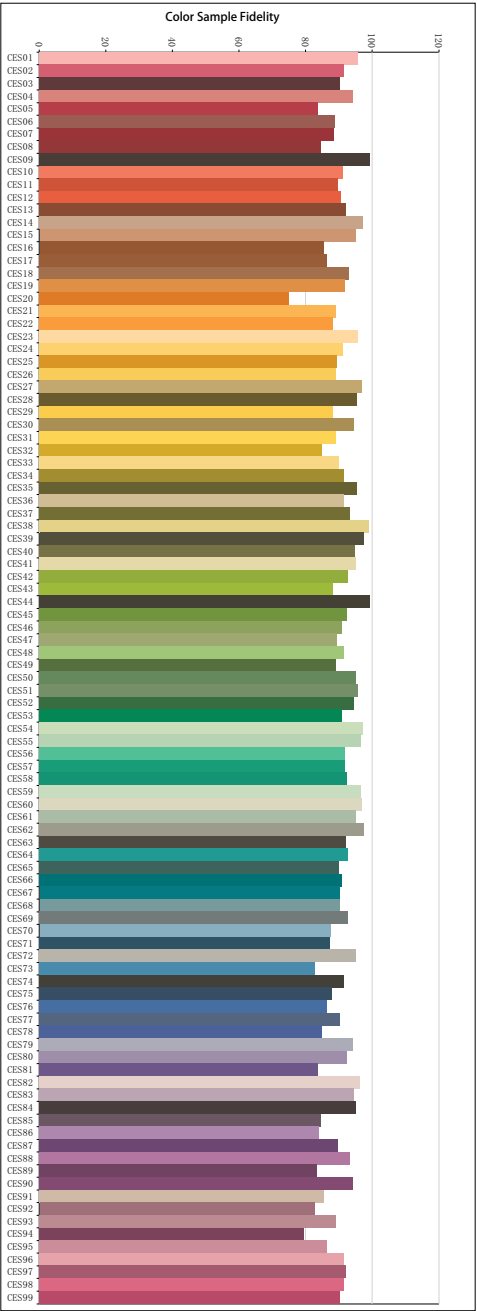
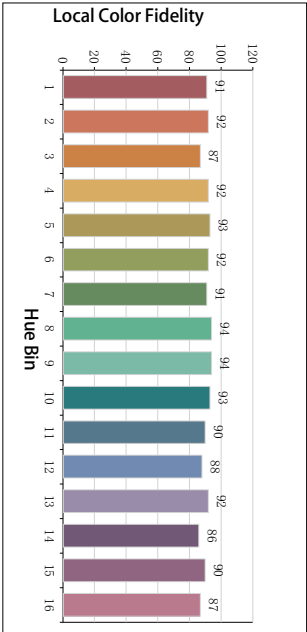
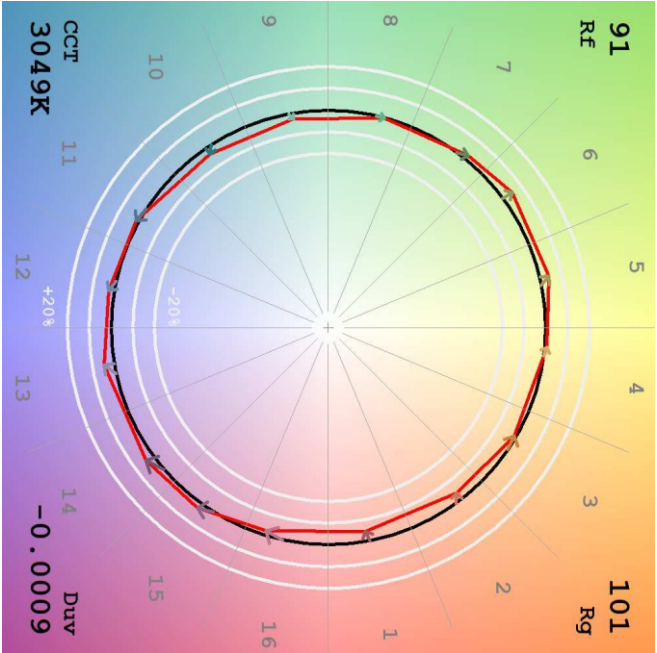
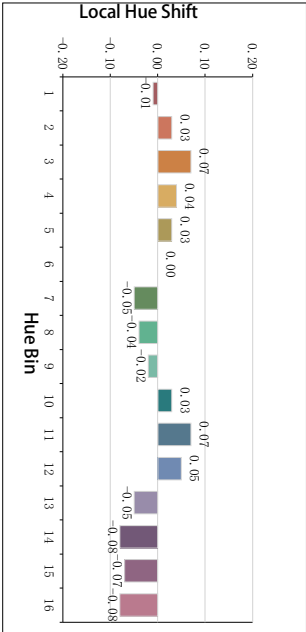
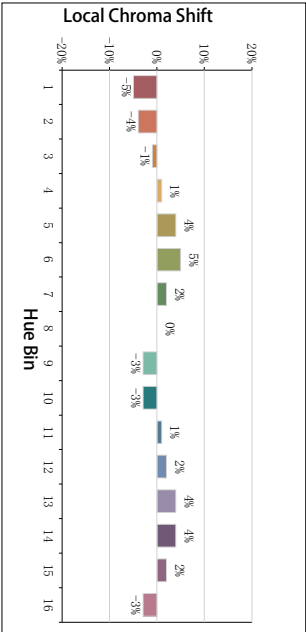
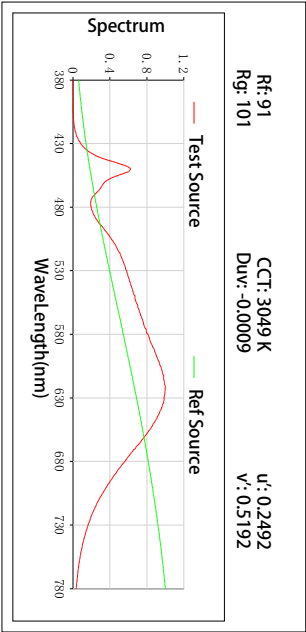
Freq=0.00 Hz

GBT5702

$R_a = 92$

$G_a = 1.00$

TM30



All Rf:

Rf1 = 95.8	Rf2 = 91.5	Rf3 = 90.3	Rf4 = 94.3
Rf5 = 83.7	Rf6 = 88.7	Rf7 = 88.6	Rf8 = 84.7
Rf9 = 99.3	Rf10 = 91.3	Rf11 = 89.6	Rf12 = 90.8
Rf13 = 92.2	Rf14 = 97.2	Rf15 = 95.0	Rf16 = 85.4
Rf17 = 86.5	Rf18 = 93.0	Rf19 = 91.7	Rf20 = 74.9
Rf21 = 89.2	Rf22 = 88.2	Rf23 = 95.6	Rf24 = 91.3
Rf25 = 89.3	Rf26 = 89.0	Rf27 = 96.8	Rf28 = 95.3
Rf29 = 88.1	Rf30 = 94.4	Rf31 = 89.0	Rf32 = 84.9
Rf33 = 90.0	Rf34 = 91.5	Rf35 = 95.4	Rf36 = 91.4
Rf37 = 93.3	Rf38 = 99.0	Rf39 = 97.4	Rf40 = 94.8
Rf41 = 95.2	Rf42 = 92.9	Rf43 = 88.2	Rf44 = 99.3
Rf45 = 92.5	Rf46 = 90.9	Rf47 = 89.3	Rf48 = 91.6
Rf49 = 89.1	Rf50 = 95.1	Rf51 = 95.7	Rf52 = 94.6
Rf53 = 90.9	Rf54 = 97.2	Rf55 = 96.7	Rf56 = 91.9
Rf57 = 91.7	Rf58 = 92.5	Rf59 = 96.6	Rf60 = 96.8
Rf61 = 95.0	Rf62 = 97.5	Rf63 = 92.0	Rf64 = 92.8
Rf65 = 90.0	Rf66 = 91.0	Rf67 = 90.2	Rf68 = 90.2
Rf69 = 92.7	Rf70 = 87.5	Rf71 = 87.4	Rf72 = 95.2
Rf73 = 82.9	Rf74 = 91.5	Rf75 = 87.8	Rf76 = 86.4
Rf77 = 90.4	Rf78 = 84.9	Rf79 = 94.2	Rf80 = 92.4
Rf81 = 83.7	Rf82 = 96.2	Rf83 = 94.4	Rf84 = 95.2
Rf85 = 84.7	Rf86 = 83.9	Rf87 = 89.6	Rf88 = 93.3
Rf89 = 83.6	Rf90 = 94.2	Rf91 = 85.6	Rf92 = 82.7
Rf93 = 89.1	Rf94 = 79.5	Rf95 = 86.4	Rf96 = 91.4
Rf97 = 92.2	Rf98 = 91.5	Rf99 = 90.4	