

## Spectrum Test Report

Sample :  
Specification : EKF4148HL9065+  
Sample No. : 1  
Manufacturer :

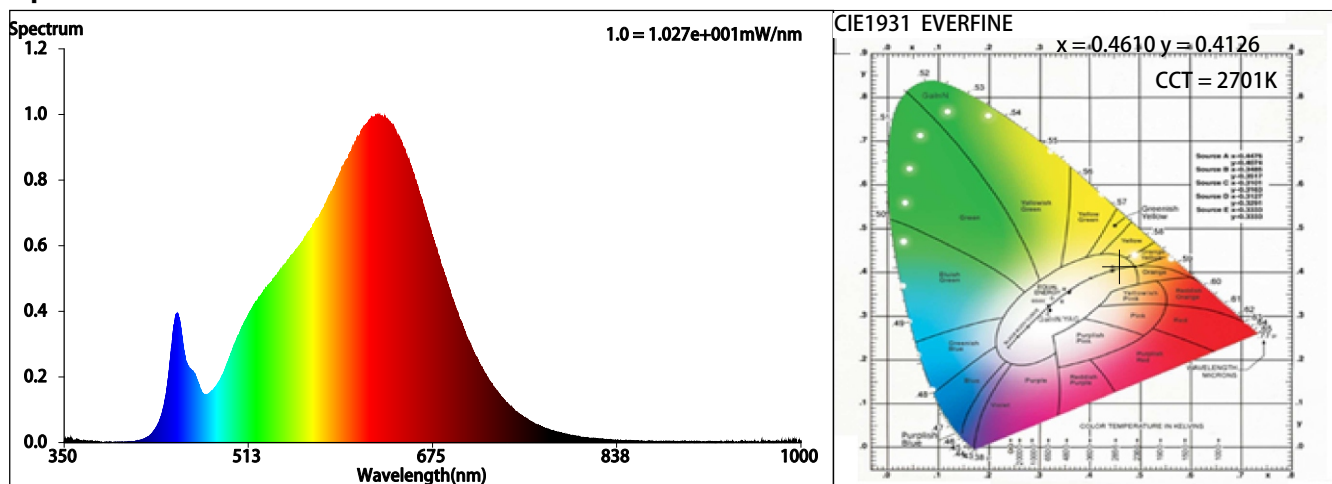
Date : 2022-05-04 10:13:28  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : QC  
Assessor : damin

### Test Condition

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

RH : 55.0%  
IP : 51775 (79%)  
T : 544 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4610$   $y = 0.4126$  /  $u' = 0.2623$   $v' = 0.5283$  ( $duv=6.50e-04$ )

CCT= 2701K Prcp WL:  $L_d=584.0nm$  Purity=62.2%

Peak WL:  $L_p=627nm$  FWHM:  $=151.7nm$  Ratio:  $R=26.4\%$   $G=71.3\%$   $B=2.2\%$

Render Index:  $R_a = 93.4$  TM30:  $R_f=93$   $R_g=100$

$R1 = 94$   $R2 = 96$   $R3 = 97$   $R4 = 94$   $R5 = 93$   $R6 = 95$   $R7 = 94$

$R8 = 85$   $R9 = 65$   $R10 = 90$   $R11 = 95$   $R12 = 83$   $R13 = 94$   $R14 = 97$   $R15 = 90$

### Photometric & Radiometric Parameters

Flux = 465.75 lm Eff. : 85.50 lm/W  $F_e = 1.6919 W$

(EQE): 181.44%

### Electrical parameters

$V = 12.00 V$   $I = 0.4540 A$   $P = 5.447 W$   $PF = 1.000$

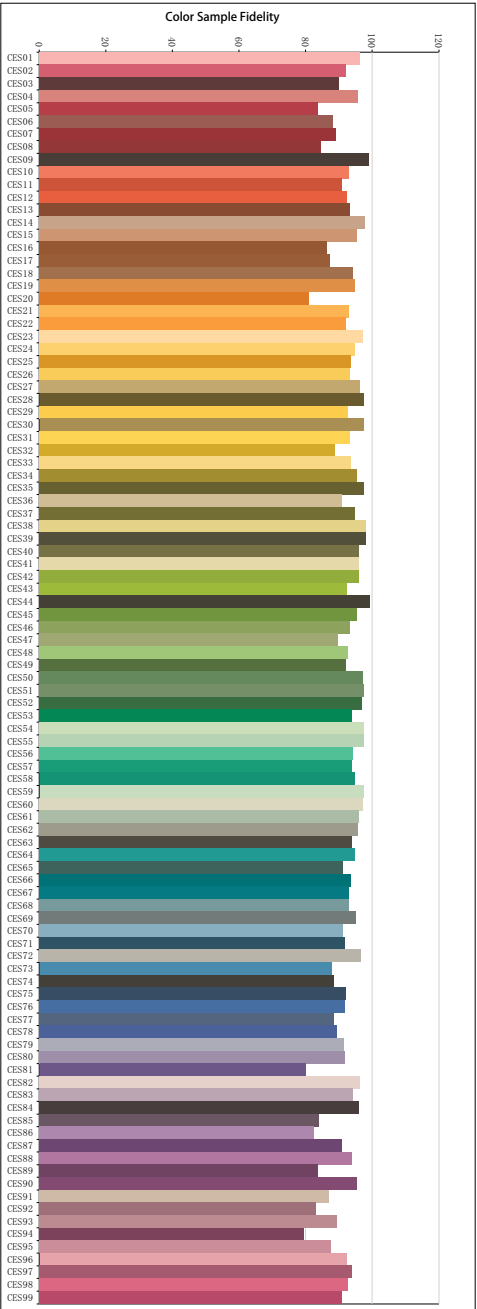
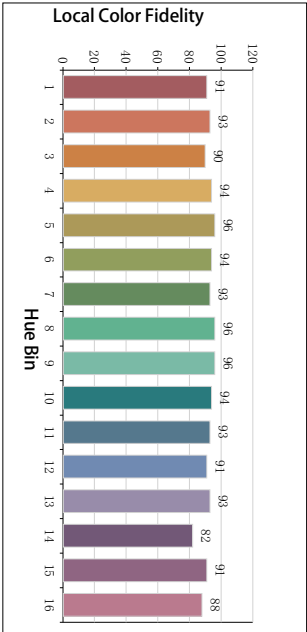
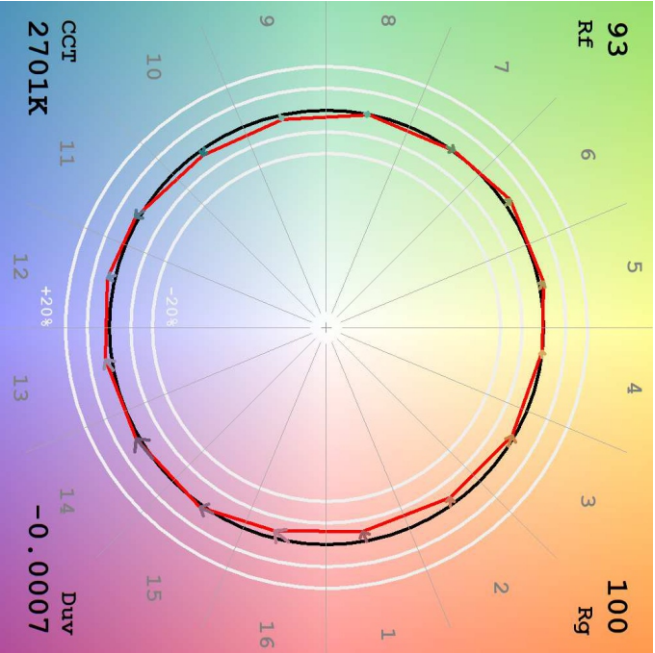
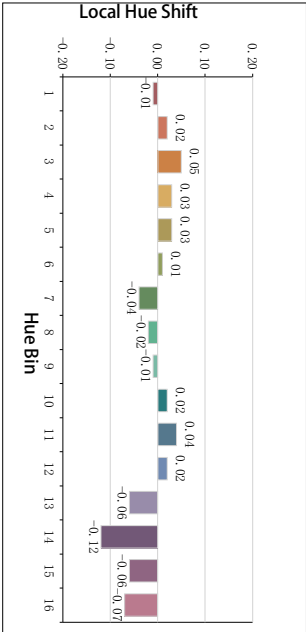
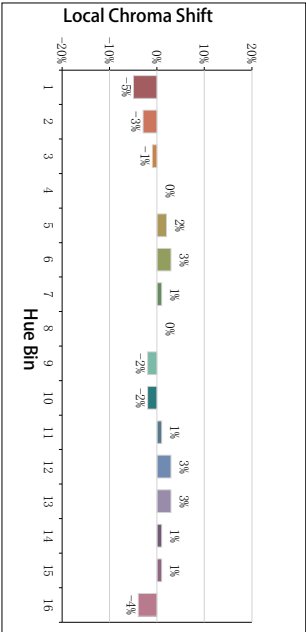
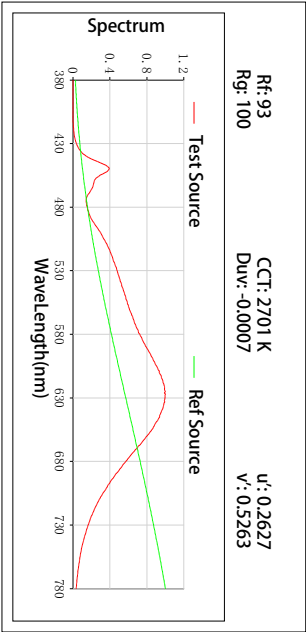
Freq=0.00 Hz

### GBT5702

$R_a = 93$

$G_a = 0.99$

TM30



**All Rf:**

Rf1 = 96.4	Rf2 = 92.2	Rf3 = 90.1	Rf4 = 95.7
Rf5 = 83.7	Rf6 = 88.2	Rf7 = 89.1	Rf8 = 84.7
Rf9 = 99.0	Rf10 = 92.9	Rf11 = 90.9	Rf12 = 92.5
Rf13 = 93.2	Rf14 = 97.9	Rf15 = 95.6	Rf16 = 86.3
Rf17 = 87.3	Rf18 = 94.2	Rf19 = 94.8	Rf20 = 81.0
Rf21 = 93.0	Rf22 = 92.0	Rf23 = 97.2	Rf24 = 94.9
Rf25 = 93.7	Rf26 = 93.3	Rf27 = 96.4	Rf28 = 97.4
Rf29 = 92.7	Rf30 = 97.4	Rf31 = 93.5	Rf32 = 88.9
Rf33 = 93.5	Rf34 = 95.6	Rf35 = 97.6	Rf36 = 91.0
Rf37 = 94.8	Rf38 = 98.3	Rf39 = 98.1	Rf40 = 96.1
Rf41 = 96.0	Rf42 = 96.1	Rf43 = 92.5	Rf44 = 99.2
Rf45 = 95.5	Rf46 = 93.2	Rf47 = 89.8	Rf48 = 92.9
Rf49 = 92.1	Rf50 = 97.3	Rf51 = 97.6	Rf52 = 96.9
Rf53 = 93.9	Rf54 = 97.7	Rf55 = 97.4	Rf56 = 94.1
Rf57 = 93.9	Rf58 = 94.6	Rf59 = 97.4	Rf60 = 97.1
Rf61 = 96.0	Rf62 = 95.8	Rf63 = 94.0	Rf64 = 94.8
Rf65 = 91.3	Rf66 = 93.6	Rf67 = 93.0	Rf68 = 93.0
Rf69 = 95.1	Rf70 = 91.2	Rf71 = 91.9	Rf72 = 96.7
Rf73 = 87.8	Rf74 = 88.6	Rf75 = 92.2	Rf76 = 91.7
Rf77 = 88.6	Rf78 = 89.5	Rf79 = 91.6	Rf80 = 91.7
Rf81 = 79.9	Rf82 = 96.3	Rf83 = 94.1	Rf84 = 96.1
Rf85 = 83.9	Rf86 = 82.6	Rf87 = 91.0	Rf88 = 94.0
Rf89 = 83.8	Rf90 = 95.5	Rf91 = 86.9	Rf92 = 83.1
Rf93 = 89.3	Rf94 = 79.4	Rf95 = 87.6	Rf96 = 92.3
Rf97 = 93.8	Rf98 = 92.7	Rf99 = 90.9	