

Spectrum Test Report

Sample : 20250412001
Specification : TIC/DW
Sample No. : 1M 3000K
Manufacturer : RAB Lighting INC

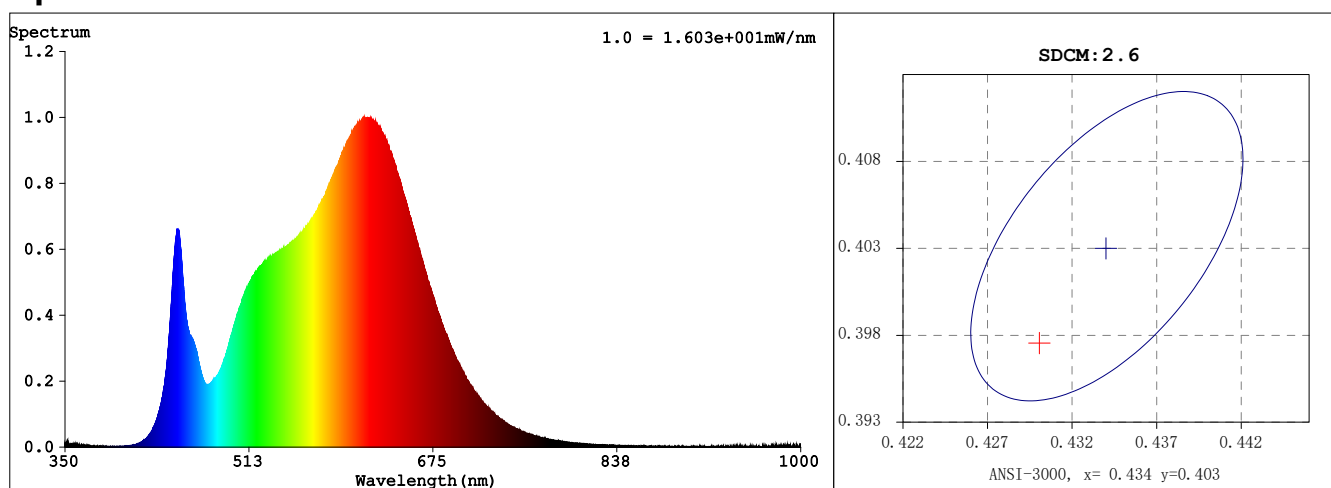
Date : 2025-04-10 15:17:41
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : JZ
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 42463 (65%)
T : 256 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4300$ $y = 0.3977$ / $u' = 0.2488$ $v' = 0.5178$ ($duv = -1.58e-03$) $Dx, Dy = -0.0022, -0.0047$

CCT= 3068K Prcp WL: $L_d = 583.1$ nm Purity=48.4%

Peak WL: $L_p = 615$ nm FWHM: =158.1nm Ratio:R=24.2% G=73.0% B=2.8%

Render Index: $R_a = 93.1$ AvgR = 90.2 TM30:Rf=91 Rg=101

R1 =94 R2 =96 R3 =97 R4 =94 R5 =94 R6 =96 R7 =92

R8 =81 R9 =56 R10=91 R11=95 R12=83 R13=95 R14=98 R15=89

LEVEL:OUT WHITE:ANSI_3000K

TLCI Parameters: TLCI = 87.3

Photometric & Radiometric Parameters

Flux = 790.27 lm Eff. : 92.50 lm/W $F_e = 2.6468$ W

Scotopic:1144.1 S/P:1.4478

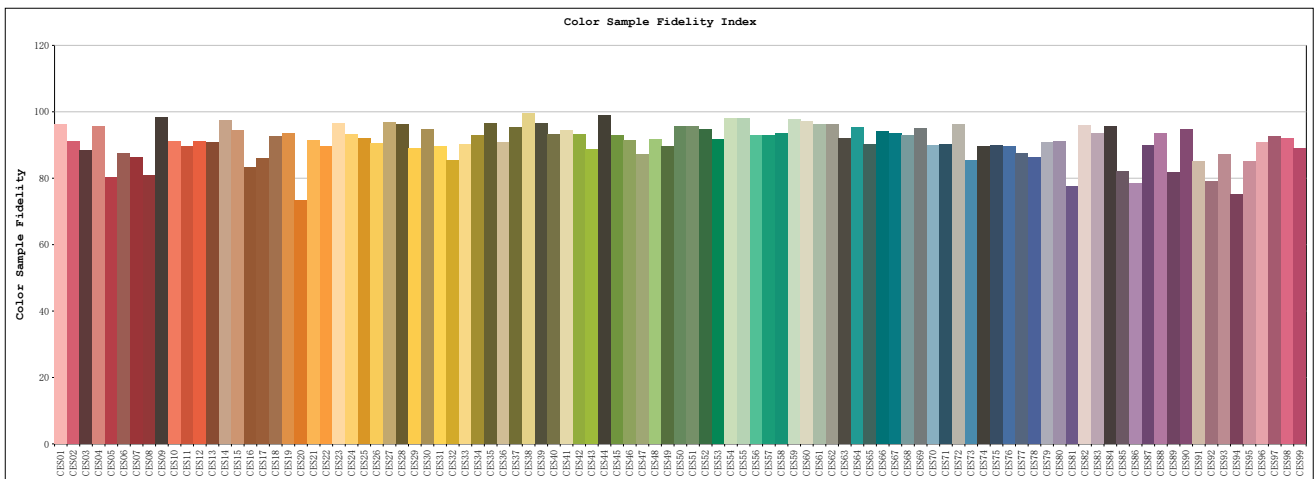
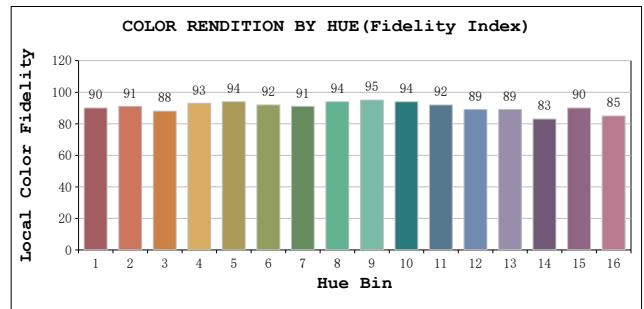
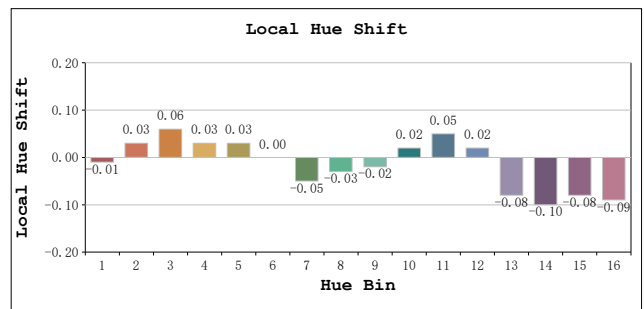
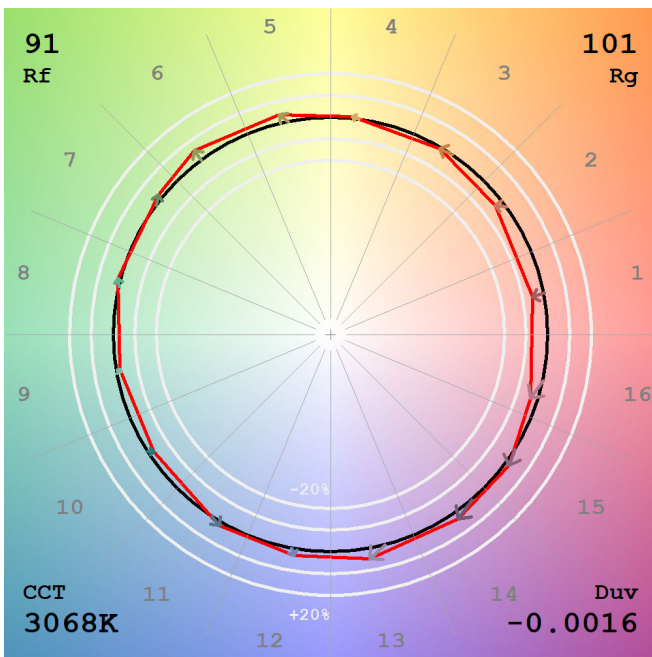
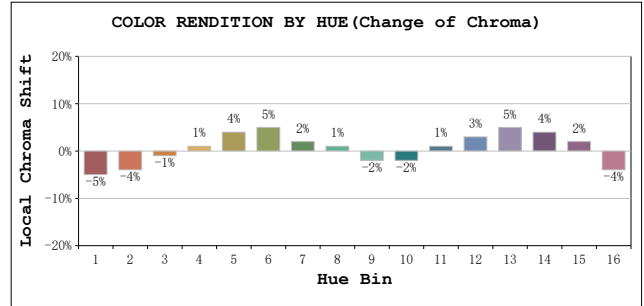
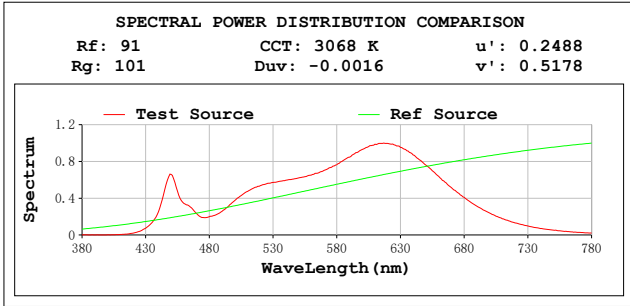
Electrical parameters

V = 24.00 V I = 0.3560 A P = 8.543 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle: 2 Deg



All Rf:

Rf1 = 96.2	Rf2 = 91.2	Rf3 = 88.4	Rf4 = 95.7
Rf5 = 80.3	Rf6 = 87.7	Rf7 = 86.3	Rf8 = 80.9
Rf9 = 98.4	Rf10 = 91.1	Rf11 = 89.7	Rf12 = 91.1
Rf13 = 90.9	Rf14 = 97.5	Rf15 = 94.5	Rf16 = 83.2
Rf17 = 86.1	Rf18 = 92.7	Rf19 = 93.5	Rf20 = 73.4
Rf21 = 91.4	Rf22 = 89.5	Rf23 = 96.4	Rf24 = 93.4
Rf25 = 92.1	Rf26 = 90.6	Rf27 = 96.8	Rf28 = 96.2
Rf29 = 89.1	Rf30 = 94.7	Rf31 = 89.7	Rf32 = 85.4
Rf33 = 90.3	Rf34 = 93.0	Rf35 = 96.4	Rf36 = 90.9
Rf37 = 95.3	Rf38 = 99.4	Rf39 = 96.4	Rf40 = 93.2
Rf41 = 94.4	Rf42 = 93.1	Rf43 = 88.6	Rf44 = 98.9
Rf45 = 92.9	Rf46 = 91.3	Rf47 = 87.2	Rf48 = 91.7
Rf49 = 89.6	Rf50 = 95.5	Rf51 = 95.7	Rf52 = 94.7
Rf53 = 91.6	Rf54 = 97.9	Rf55 = 98.0	Rf56 = 92.9
Rf57 = 92.8	Rf58 = 93.4	Rf59 = 97.6	Rf60 = 97.2
Rf61 = 96.3	Rf62 = 96.2	Rf63 = 91.9	Rf64 = 95.3
Rf65 = 90.1	Rf66 = 94.1	Rf67 = 93.5	Rf68 = 92.9
Rf69 = 95.1	Rf70 = 90.0	Rf71 = 90.1	Rf72 = 96.2
Rf73 = 85.3	Rf74 = 89.5	Rf75 = 89.9	Rf76 = 89.5
Rf77 = 87.3	Rf78 = 86.4	Rf79 = 90.8	Rf80 = 91.0
Rf81 = 77.4	Rf82 = 95.8	Rf83 = 93.6	Rf84 = 95.6
Rf85 = 82.0	Rf86 = 78.5	Rf87 = 89.8	Rf88 = 93.4
Rf89 = 81.8	Rf90 = 94.7	Rf91 = 85.1	Rf92 = 79.1
Rf93 = 87.3	Rf94 = 75.2	Rf95 = 85.1	Rf96 = 90.8
Rf97 = 92.7	Rf98 = 92.0	Rf99 = 89.0	

Spectrum Test Report

Sample : 20250412001
 Specification : TIC/DW
 Sample No. : 1M 1800K
 Manufacturer : RAB Lighting INC

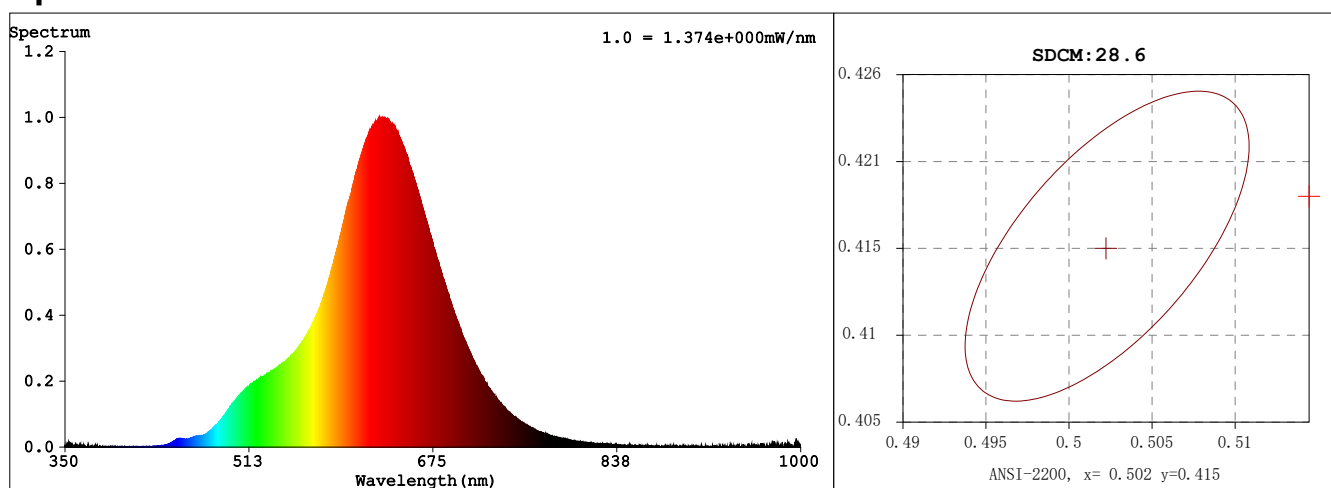
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 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by : JZ
 Assessor : damin

Test Condition

Temperature : 25.3 °C
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 55843 (85%)
 T : 4254 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5499$ $y = 0.4184$ / $u' = 0.3178$ $v' = 0.5441$ ($duv=2.78e-03$) $Dx,Dy:0.0067,0.0085$

CCT= 1853K Prcp WL: $L_d=589.5nm$ Purity=90.7%

Peak WL: $L_p=630nm$ FWHM: =103.1nm Ratio:R=37.7% G=61.2% B=1.1%

Render Index: $R_a = 91.8$ AvgR = 89.7 TM30:Rf=82 Rg=81

R1 =95 R2 =98 R3 =95 R4 =95 R5 =97 R6 =92 R7 =87

R8 =75 R9 =52 R10=97 R11=93 R12=89 R13=96 R14=98 R15=85

LEVEL:OUT WHITE:OUT

TLCI Parameters: TLCI = 72.5

Photometric & Radiometric Parameters

Flux = 41.716 lm Eff. : 25.98 lm/W $F_e = 173.78$ mW

Scotopic:34.821 S/P:0.83473

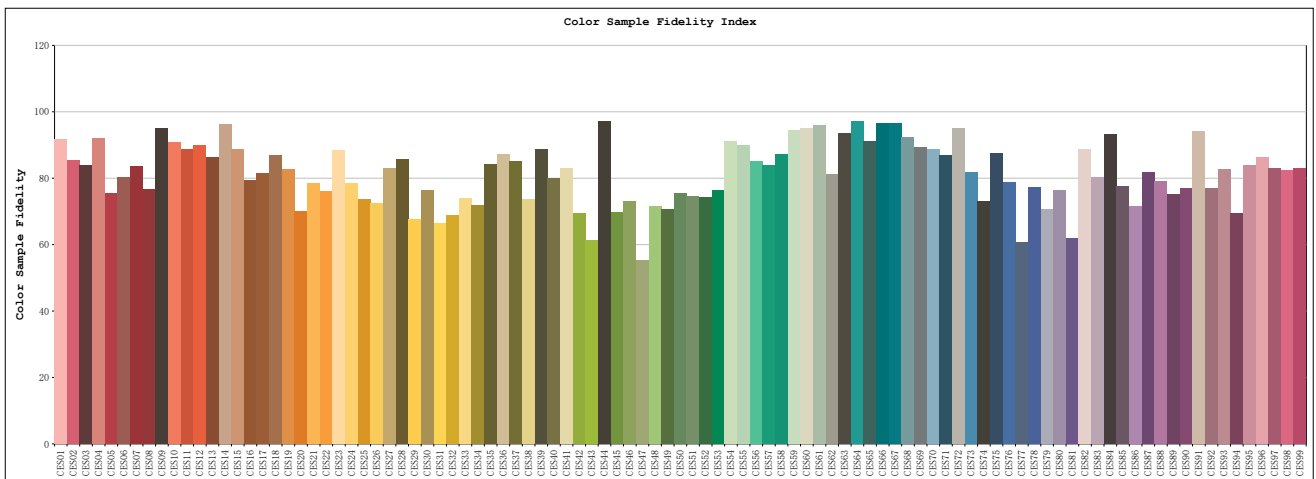
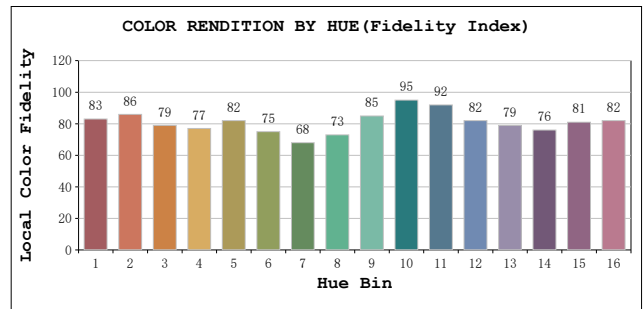
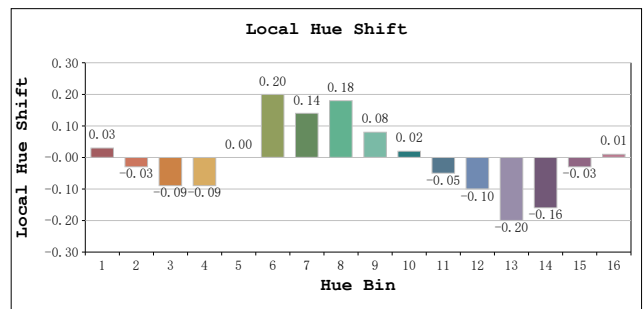
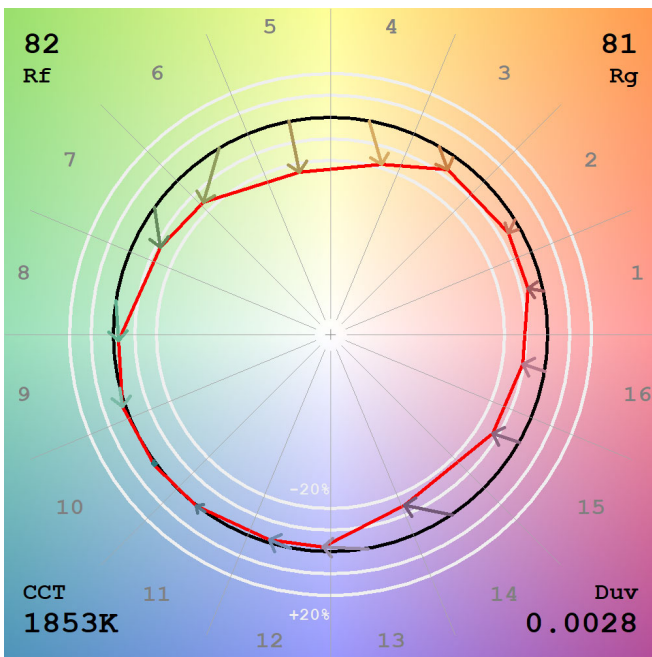
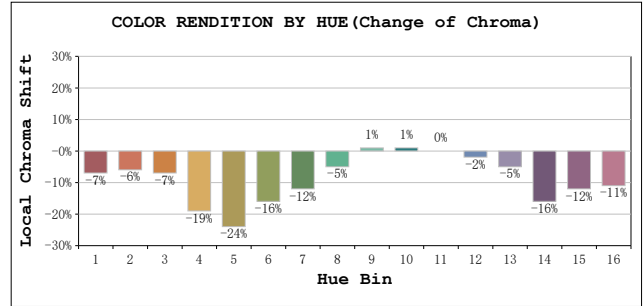
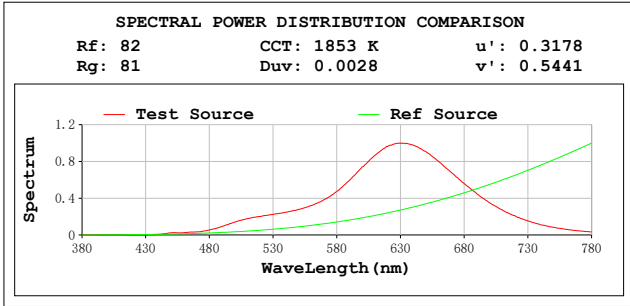
Electrical parameters

V = 24.00 V I = 0.06690 A P = 1.606 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle: 2 Deg



All Rf:

Rf1 = 91.8	Rf2 = 85.3	Rf3 = 83.9	Rf4 = 92.1
Rf5 = 75.6	Rf6 = 80.3	Rf7 = 83.5	Rf8 = 76.6
Rf9 = 94.9	Rf10 = 90.8	Rf11 = 88.6	Rf12 = 89.9
Rf13 = 86.4	Rf14 = 96.2	Rf15 = 88.7	Rf16 = 79.4
Rf17 = 81.6	Rf18 = 87.0	Rf19 = 82.8	Rf20 = 70.0
Rf21 = 78.6	Rf22 = 76.2	Rf23 = 88.4	Rf24 = 78.6
Rf25 = 73.5	Rf26 = 72.5	Rf27 = 82.9	Rf28 = 85.7
Rf29 = 67.7	Rf30 = 76.5	Rf31 = 66.5	Rf32 = 68.9
Rf33 = 74.1	Rf34 = 71.8	Rf35 = 84.1	Rf36 = 87.1
Rf37 = 85.0	Rf38 = 73.7	Rf39 = 88.6	Rf40 = 80.0
Rf41 = 83.0	Rf42 = 69.4	Rf43 = 61.3	Rf44 = 97.3
Rf45 = 69.7	Rf46 = 73.2	Rf47 = 55.4	Rf48 = 71.5
Rf49 = 70.7	Rf50 = 75.4	Rf51 = 74.6	Rf52 = 74.2
Rf53 = 76.4	Rf54 = 91.0	Rf55 = 90.0	Rf56 = 84.9
Rf57 = 83.9	Rf58 = 87.2	Rf59 = 94.4	Rf60 = 95.2
Rf61 = 96.0	Rf62 = 81.3	Rf63 = 93.4	Rf64 = 97.1
Rf65 = 91.2	Rf66 = 96.7	Rf67 = 96.4	Rf68 = 92.3
Rf69 = 89.2	Rf70 = 88.6	Rf71 = 86.9	Rf72 = 95.1
Rf73 = 81.8	Rf74 = 73.1	Rf75 = 87.4	Rf76 = 78.9
Rf77 = 60.8	Rf78 = 77.2	Rf79 = 70.7	Rf80 = 76.3
Rf81 = 61.9	Rf82 = 88.9	Rf83 = 80.4	Rf84 = 93.3
Rf85 = 77.7	Rf86 = 71.6	Rf87 = 81.9	Rf88 = 79.2
Rf89 = 75.0	Rf90 = 77.0	Rf91 = 94.0	Rf92 = 76.9
Rf93 = 82.8	Rf94 = 69.4	Rf95 = 83.7	Rf96 = 86.5
Rf97 = 82.9	Rf98 = 82.5	Rf99 = 83.0	