

Spectrum Test Report

Sample : 20250411007
Specification : TOSYY
Sample No. : 1M
Manufacturer : RAB Lighting INC

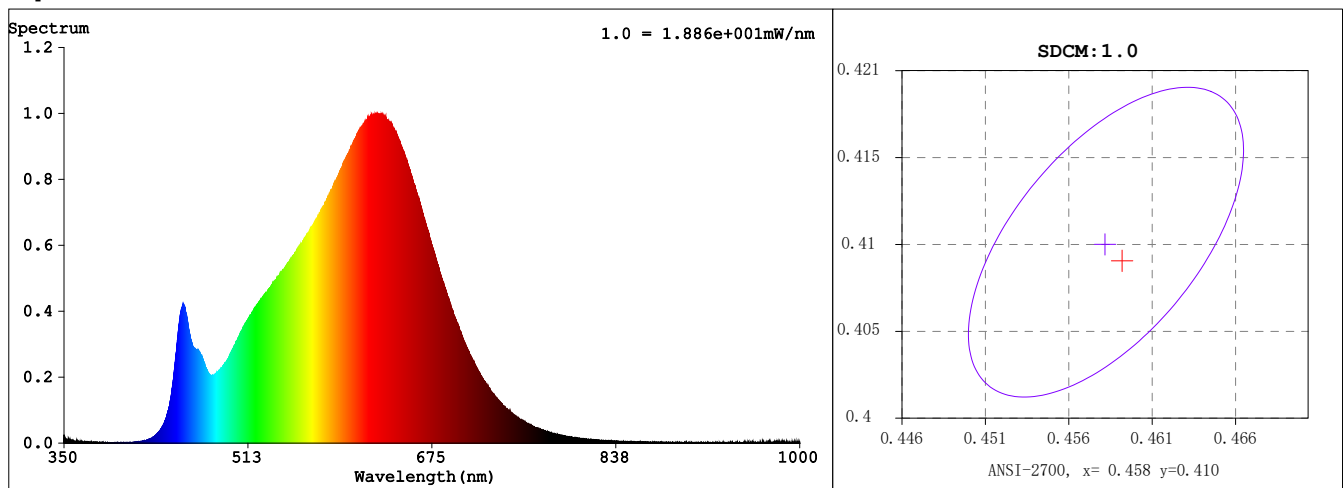
Date : 2025-04-10 15:34:00
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : JZ
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 57098 (87%)
T : 311 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4588$ $y = 0.4091$ / $u' = 0.2625$ $v' = 0.5266$ ($duv = -4.62e-04$) $Dx, Dy = -0.0008, -0.0014$

CCT= 2703K Prcp WL: $L_d = 584.3\text{nm}$ Purity=60.5%

Peak WL: $L_p = 627\text{nm}$ FWHM: =146.0nm Ratio:R=26.6% G=70.8% B=2.6%

Render Index: $R_a = 93.8$ AvgR = 91.5 TM30:Rf=92 Rg=99

R1 =94 R2 =98 R3 =99 R4 =93 R5 =94 R6 =97 R7 =92

R8 =83 R9 =65 R10=94 R11=94 R12=82 R13=96 R14=99 R15=91

LEVEL:OUT WHITE:ANSI_2700K

TLCI Parameters: TLCI = 93.1

Photometric & Radiometric Parameters

Flux = 851.89 lm Eff. : 104.59 lm/W Fe = 3.0686 W

Scotopic:1110.4 S/P:1.3034

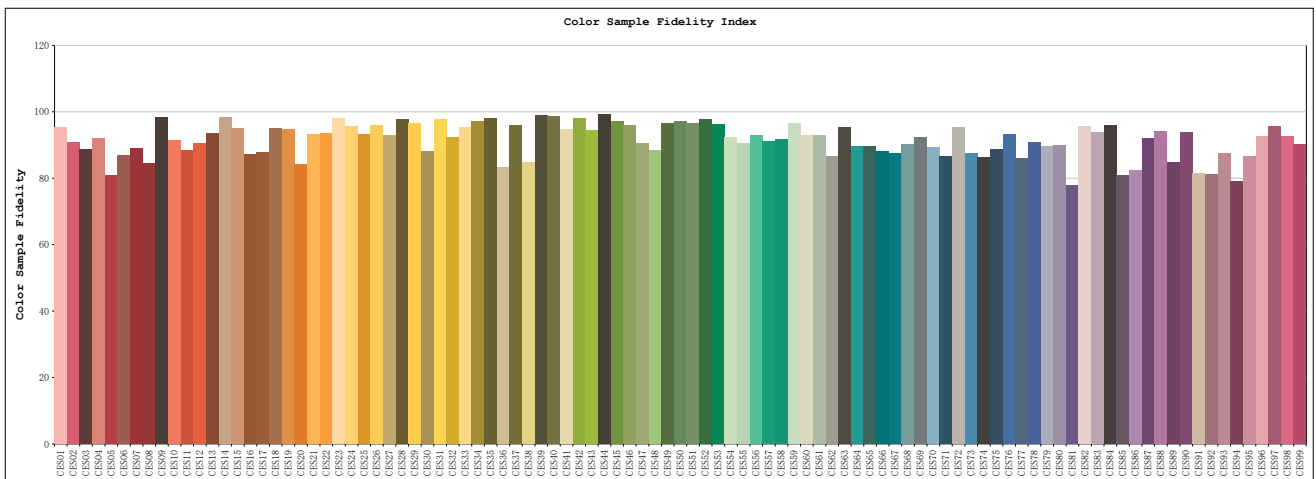
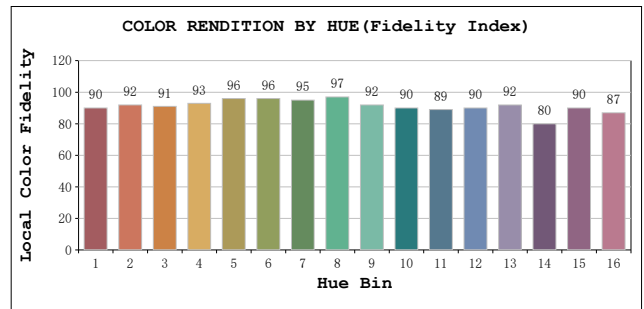
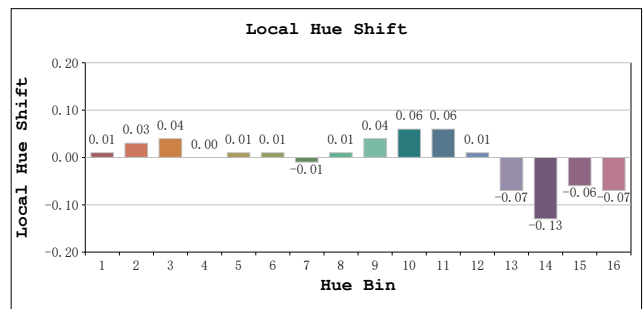
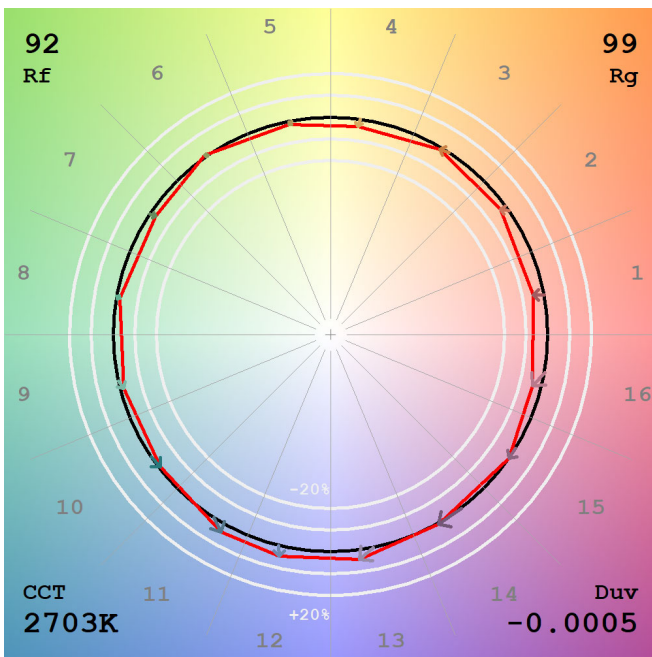
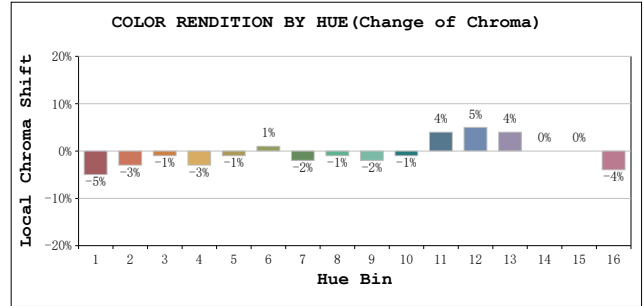
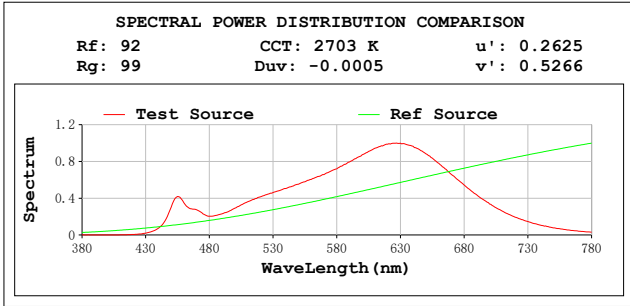
Electrical parameters

V = 24.00 V I = 0.3394 A P = 8.145 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle: 2 Deg



All Rf:

Rf1 = 95.5	Rf2 = 90.9	Rf3 = 88.8	Rf4 = 92.1
Rf5 = 81.0	Rf6 = 87.0	Rf7 = 89.0	Rf8 = 84.5
Rf9 = 98.2	Rf10 = 91.5	Rf11 = 88.5	Rf12 = 90.6
Rf13 = 93.6	Rf14 = 98.3	Rf15 = 95.0	Rf16 = 87.3
Rf17 = 87.7	Rf18 = 95.0	Rf19 = 94.6	Rf20 = 84.2
Rf21 = 93.2	Rf22 = 93.6	Rf23 = 98.0	Rf24 = 95.8
Rf25 = 93.3	Rf26 = 95.9	Rf27 = 92.9	Rf28 = 97.8
Rf29 = 96.5	Rf30 = 88.1	Rf31 = 97.8	Rf32 = 92.2
Rf33 = 95.3	Rf34 = 97.1	Rf35 = 97.9	Rf36 = 83.2
Rf37 = 96.0	Rf38 = 84.7	Rf39 = 99.1	Rf40 = 98.6
Rf41 = 94.7	Rf42 = 98.0	Rf43 = 94.3	Rf44 = 99.3
Rf45 = 97.3	Rf46 = 95.9	Rf47 = 90.5	Rf48 = 88.4
Rf49 = 96.5	Rf50 = 97.2	Rf51 = 96.6	Rf52 = 97.7
Rf53 = 96.1	Rf54 = 92.2	Rf55 = 90.5	Rf56 = 92.9
Rf57 = 91.0	Rf58 = 91.7	Rf59 = 96.6	Rf60 = 93.0
Rf61 = 93.0	Rf62 = 86.7	Rf63 = 95.5	Rf64 = 89.5
Rf65 = 89.6	Rf66 = 88.0	Rf67 = 87.5	Rf68 = 90.1
Rf69 = 92.2	Rf70 = 89.4	Rf71 = 86.8	Rf72 = 95.2
Rf73 = 87.5	Rf74 = 86.3	Rf75 = 88.7	Rf76 = 93.2
Rf77 = 86.0	Rf78 = 90.8	Rf79 = 89.7	Rf80 = 89.9
Rf81 = 77.9	Rf82 = 95.7	Rf83 = 93.8	Rf84 = 95.9
Rf85 = 80.8	Rf86 = 82.4	Rf87 = 91.9	Rf88 = 94.2
Rf89 = 84.7	Rf90 = 93.9	Rf91 = 81.4	Rf92 = 81.3
Rf93 = 87.4	Rf94 = 79.2	Rf95 = 86.7	Rf96 = 92.7
Rf97 = 95.5	Rf98 = 92.5	Rf99 = 90.2	