

Spectrum Test Report

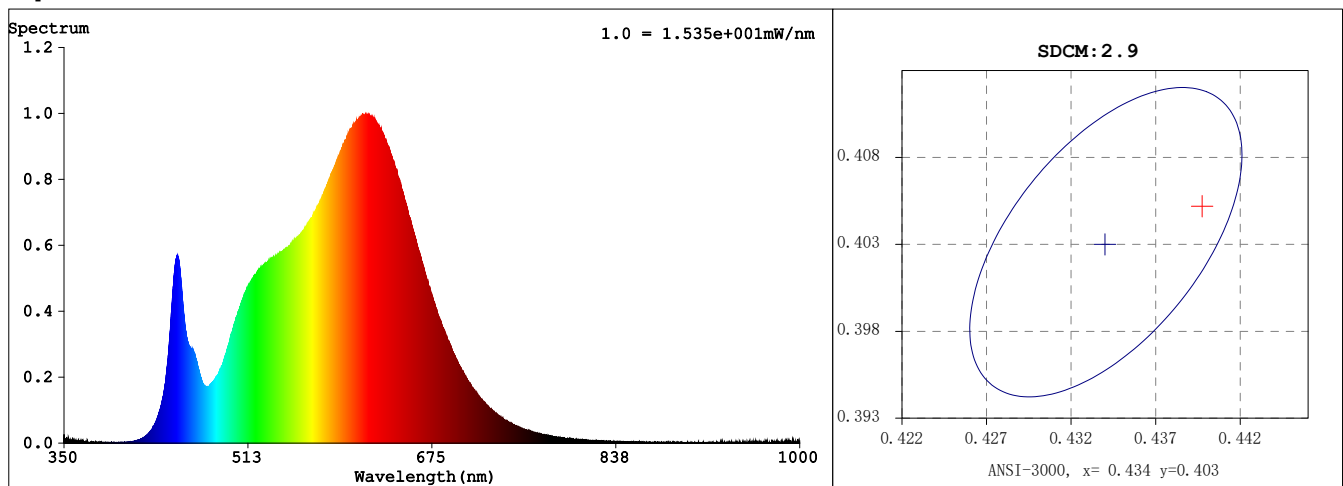
Sample : 20250412003
Specification : TICY
Sample No. : 1M
Manufacturer : RAB Lighting INC

Date : 2025-04-10 15:18:59
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 : 40515 (62%)
T : 256 ms
Sensitivity : High

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.4396$ $y = 0.4056$ / $u' = 0.2517$ $v' = 0.5224$ ($duv=2.22e-04$) $Dx,Dy:0.0003,0.0007$

CCT= 2967K Prcp WL: $L_d=582.9nm$ Purity=53.7%

Peak WL: $L_p=614nm$ FWHM: =153.8nm Ratio:R=24.6% G=72.8% B=2.6%

Render Index: $R_a = 92.3$ AvgR = 89.0 TM30:Rf=91 Rg=100

R1 =93 R2 =96 R3 =98 R4 =94 R5 =93 R6 =95 R7 =91

R8 =79 R9 =51 R10=89 R11=96 R12=81 R13=94 R14=98 R15=87

LEVEL:OUT WHITE:ANSI_3000K

TLCI Parameters: TLCI = 86.7

Photometric & Radiometric Parameters

Flux = 740.59 lm Eff. : 90.42 lm/W $F_e = 2.4492 W$

Scotopic:1030 S/P:1.3908

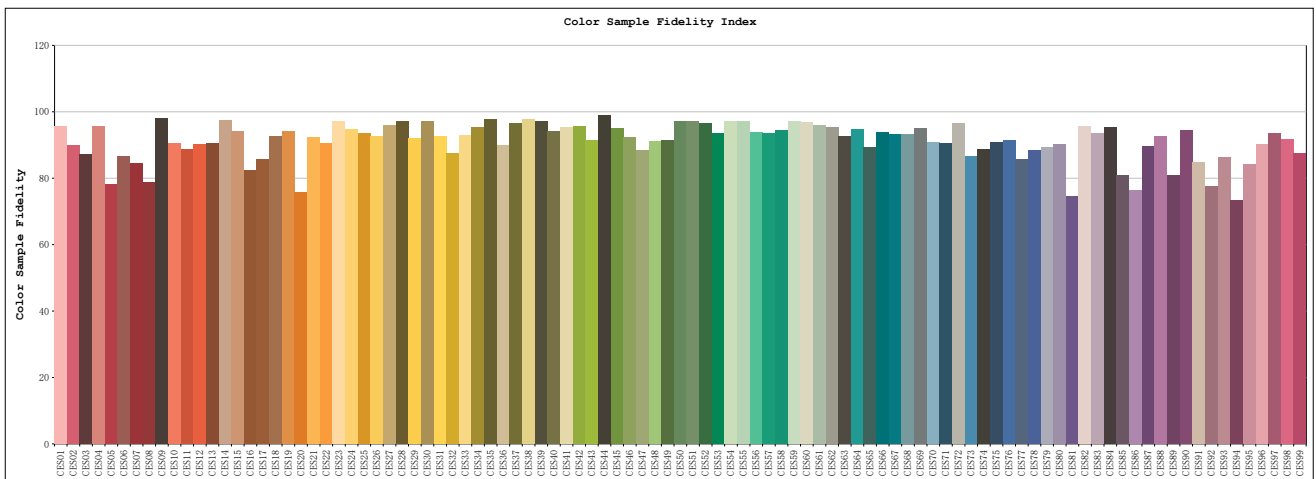
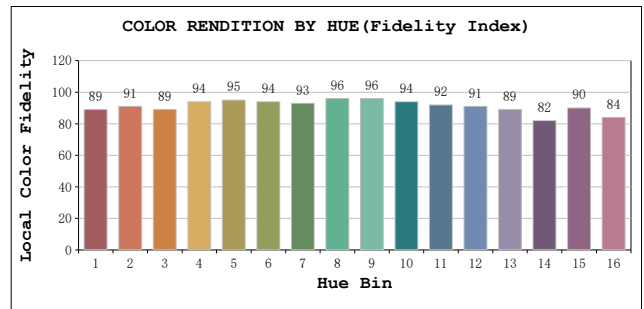
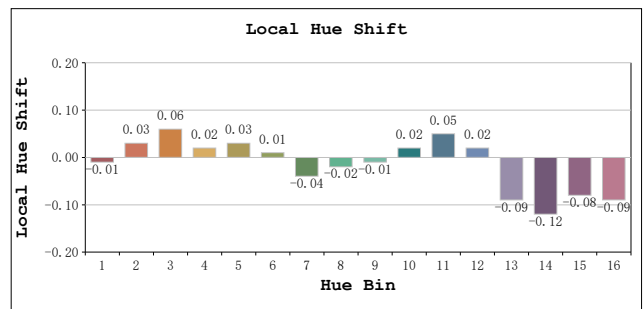
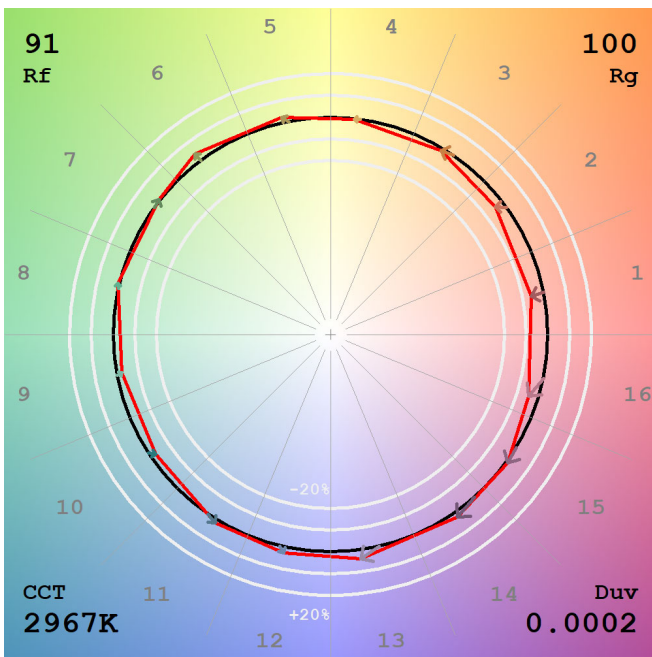
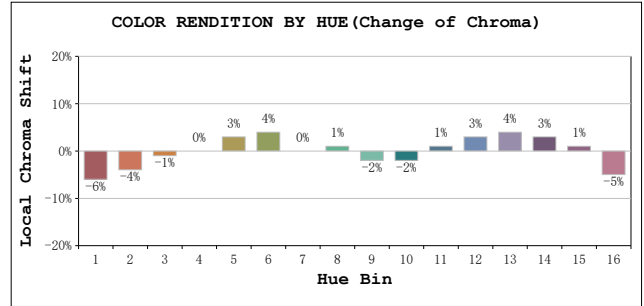
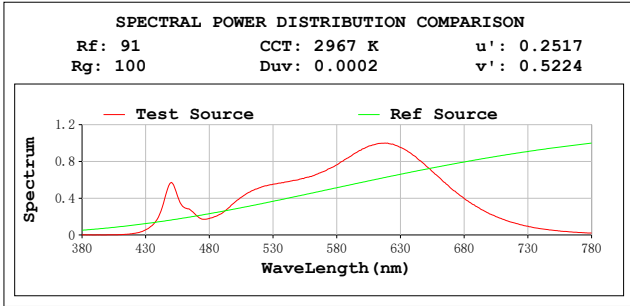
Electrical parameters

V = 24.00 V I = 0.3413 A P = 8.191 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle: 2 Deg



All Rf:

Rf1 = 95.7	Rf2 = 90.0	Rf3 = 87.1	Rf4 = 95.6
Rf5 = 78.2	Rf6 = 86.5	Rf7 = 84.5	Rf8 = 78.9
Rf9 = 98.2	Rf10 = 90.7	Rf11 = 88.8	Rf12 = 90.3
Rf13 = 90.4	Rf14 = 97.5	Rf15 = 94.1	Rf16 = 82.4
Rf17 = 85.8	Rf18 = 92.6	Rf19 = 94.3	Rf20 = 75.8
Rf21 = 92.5	Rf22 = 90.6	Rf23 = 97.1	Rf24 = 94.7
Rf25 = 93.7	Rf26 = 92.5	Rf27 = 96.0	Rf28 = 97.1
Rf29 = 91.9	Rf30 = 97.1	Rf31 = 92.5	Rf32 = 87.7
Rf33 = 92.9	Rf34 = 95.4	Rf35 = 97.6	Rf36 = 89.8
Rf37 = 96.6	Rf38 = 97.8	Rf39 = 97.0	Rf40 = 94.2
Rf41 = 95.3	Rf42 = 95.6	Rf43 = 91.4	Rf44 = 99.0
Rf45 = 95.0	Rf46 = 92.5	Rf47 = 88.3	Rf48 = 91.2
Rf49 = 91.5	Rf50 = 97.1	Rf51 = 97.2	Rf52 = 96.5
Rf53 = 93.5	Rf54 = 97.0	Rf55 = 97.1	Rf56 = 93.7
Rf57 = 93.6	Rf58 = 94.4	Rf59 = 97.3	Rf60 = 96.8
Rf61 = 95.9	Rf62 = 95.3	Rf63 = 92.5	Rf64 = 94.9
Rf65 = 89.2	Rf66 = 93.8	Rf67 = 93.1	Rf68 = 93.1
Rf69 = 95.2	Rf70 = 90.7	Rf71 = 90.6	Rf72 = 96.5
Rf73 = 86.5	Rf74 = 88.6	Rf75 = 90.7	Rf76 = 91.5
Rf77 = 85.8	Rf78 = 88.3	Rf79 = 89.2	Rf80 = 90.2
Rf81 = 74.6	Rf82 = 95.8	Rf83 = 93.5	Rf84 = 95.3
Rf85 = 80.8	Rf86 = 76.3	Rf87 = 89.5	Rf88 = 92.7
Rf89 = 81.0	Rf90 = 94.3	Rf91 = 84.8	Rf92 = 77.5
Rf93 = 86.2	Rf94 = 73.5	Rf95 = 84.2	Rf96 = 90.2
Rf97 = 93.6	Rf98 = 91.7	Rf99 = 87.4	