

Spectrum Test Report

Sample : 20250411005
Specification : TOSN
Sample No. : 1M
Manufacturer : RAB Lighting INC

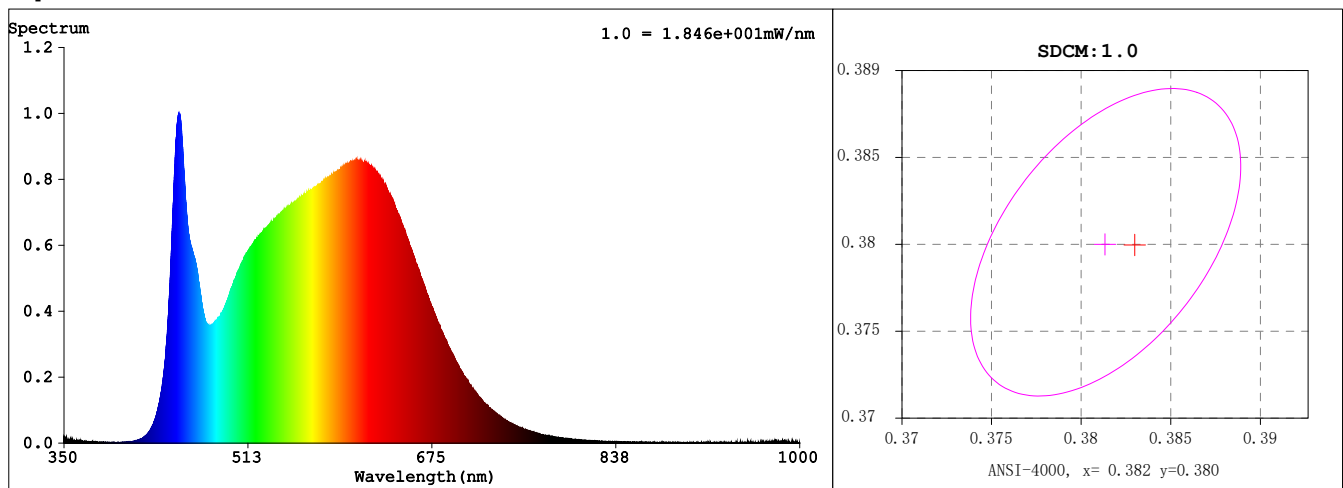
Date : 2025-04-10 15:33:31
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : JZ
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53729 (82%)
T : 311 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3835$ $y = 0.3797$ / $u' = 0.2259$ $v' = 0.5033$ ($duv=4.90e-04$) $Dx, Dy: 0.0004, 0.0013$

CCT= 3941K Prcp WL: $L_d=579.0nm$ Purity=29.0%

Peak WL: $L_p=451nm$ FWHM: =24.9nm Ratio:R=19.8% G=76.0% B=4.2%

Render Index: $R_a = 91.9$ AvgR = 88.2 TM30:Rf=90 Rg=98

R1 =92 R2 =96 R3 =97 R4 =91 R5 =91 R6 =93 R7 =93

R8 =83 R9 =58 R10=89 R11=91 R12=70 R13=93 R14=98 R15=89

LEVEL:OUT WHITE:ANSI_4000K

TLCI Parameters: TLCI = 90.3

Photometric & Radiometric Parameters

Flux = 961.04 lm Eff. : 120.55 lm/W $F_e = 3.2086 W$

Scotopic:1700.9 S/P:1.7699

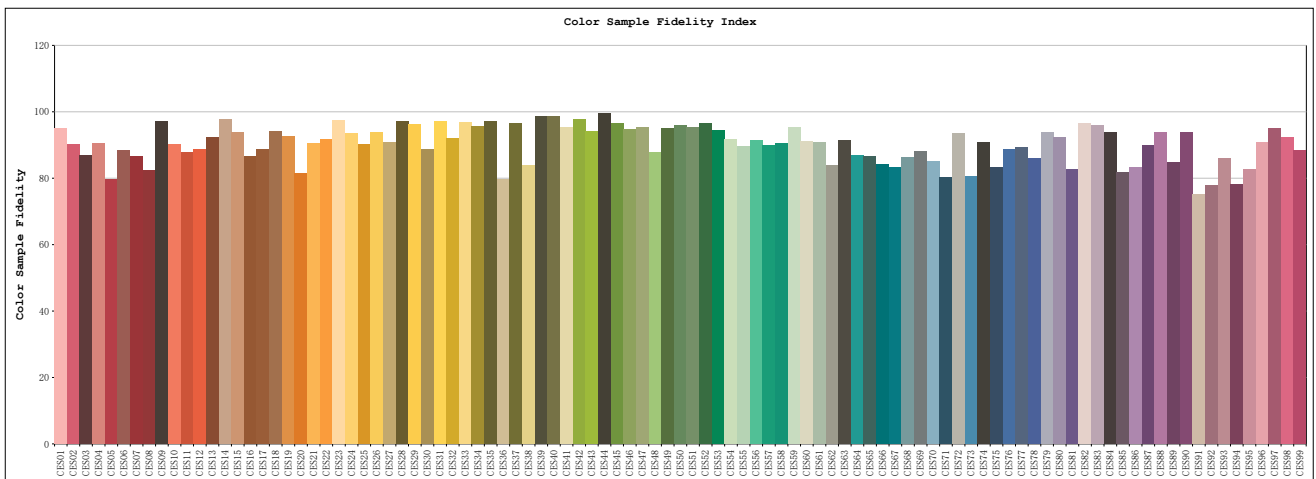
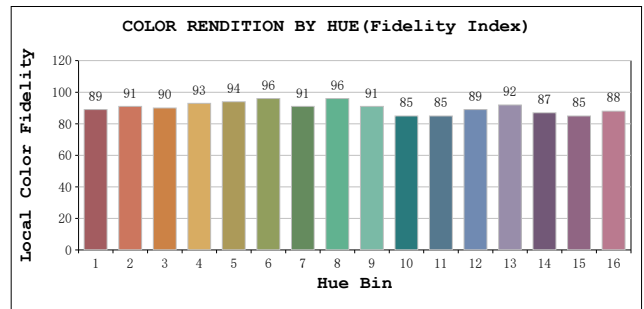
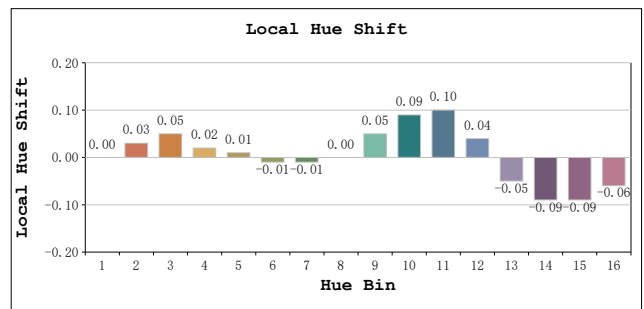
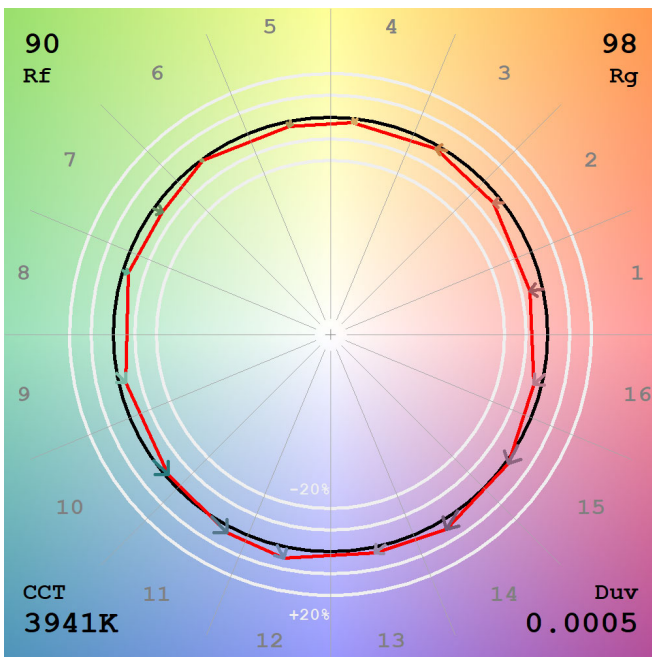
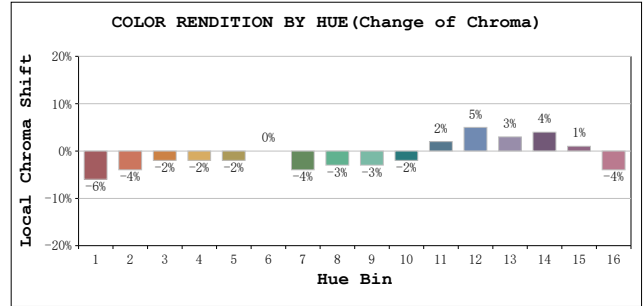
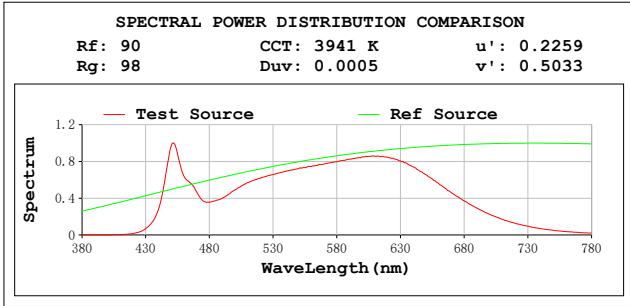
Electrical parameters

V = 24.00 V I = 0.3322 A P = 7.972 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle: 2 Deg



All Rf:

Rf1 = 94.9	Rf2 = 90.2	Rf3 = 86.9	Rf4 = 90.5
Rf5 = 79.7	Rf6 = 88.4	Rf7 = 86.5	Rf8 = 82.5
Rf9 = 97.3	Rf10 = 90.1	Rf11 = 87.9	Rf12 = 88.9
Rf13 = 92.4	Rf14 = 97.7	Rf15 = 93.7	Rf16 = 86.6
Rf17 = 88.7	Rf18 = 94.2	Rf19 = 92.5	Rf20 = 81.4
Rf21 = 90.5	Rf22 = 91.7	Rf23 = 97.5	Rf24 = 93.6
Rf25 = 90.2	Rf26 = 93.9	Rf27 = 90.9	Rf28 = 97.0
Rf29 = 96.3	Rf30 = 88.7	Rf31 = 97.3	Rf32 = 92.0
Rf33 = 96.8	Rf34 = 95.5	Rf35 = 97.0	Rf36 = 79.6
Rf37 = 96.5	Rf38 = 83.8	Rf39 = 98.7	Rf40 = 98.5
Rf41 = 95.4	Rf42 = 97.7	Rf43 = 94.3	Rf44 = 99.4
Rf45 = 96.6	Rf46 = 94.9	Rf47 = 95.3	Rf48 = 87.9
Rf49 = 94.9	Rf50 = 96.0	Rf51 = 95.4	Rf52 = 96.5
Rf53 = 94.3	Rf54 = 91.6	Rf55 = 89.5	Rf56 = 91.5
Rf57 = 89.8	Rf58 = 90.5	Rf59 = 95.3	Rf60 = 91.3
Rf61 = 90.7	Rf62 = 84.0	Rf63 = 91.4	Rf64 = 86.8
Rf65 = 86.6	Rf66 = 84.3	Rf67 = 83.4	Rf68 = 86.2
Rf69 = 88.2	Rf70 = 85.0	Rf71 = 80.2	Rf72 = 93.4
Rf73 = 80.7	Rf74 = 90.8	Rf75 = 83.3	Rf76 = 88.6
Rf77 = 89.2	Rf78 = 85.9	Rf79 = 93.9	Rf80 = 92.4
Rf81 = 82.7	Rf82 = 96.6	Rf83 = 95.8	Rf84 = 93.8
Rf85 = 81.7	Rf86 = 83.2	Rf87 = 89.8	Rf88 = 93.8
Rf89 = 84.7	Rf90 = 93.8	Rf91 = 75.2	Rf92 = 78.0
Rf93 = 86.1	Rf94 = 78.1	Rf95 = 82.7	Rf96 = 90.8
Rf97 = 95.0	Rf98 = 92.4	Rf99 = 88.5	