

## Spectrum Test Report

Sample : 20250411008  
Specification : TNFY  
Sample No. : 1M  
Manufacturer : RAB Lighting INC

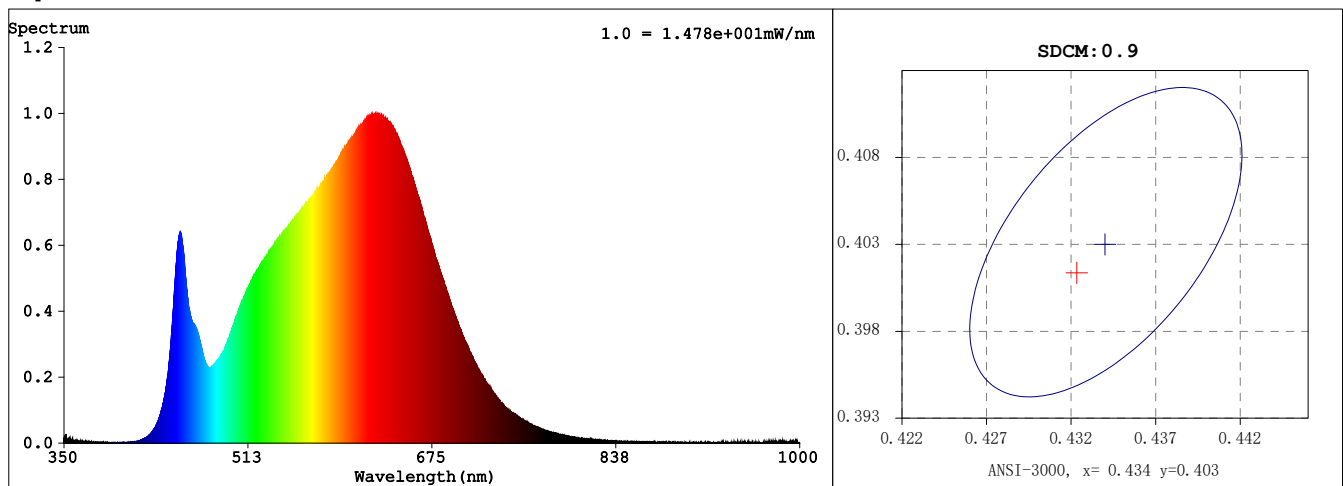
Date : 2025-04-10 15:36:35  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : JZ  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 45327 (69%)  
T : 311 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4322$   $y = 0.4016$  /  $u' = 0.2486$   $v' = 0.5197$  ( $duv = -3.21e-04$ )  $Dx, Dy: -0.0005, -0.0010$

CCT= 3061K Prcp WL:  $L_d = 582.7\text{nm}$  Purity=50.3%

Peak WL:  $L_p = 622\text{nm}$  FWHM: =167.6nm Ratio:R=23.9% G=73.2% B=2.9%

Render Index:  $R_a = 93.3$  AvgR = 90.4 TM30:Rf=92 Rg=100

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

R8 =86 R9 =68 R10=89 R11=93 R12=76 R13=94 R14=97 R15=91

LEVEL:OUT WHITE:ANSI\_3000K

TLCI Parameters: TLCI = 93.7

### Photometric & Radiometric Parameters

Flux = 749.56 lm Eff. : 54.88 lm/W  $F_e = 2.6444$  W

Scotopic:1077.5 S/P:1.4376

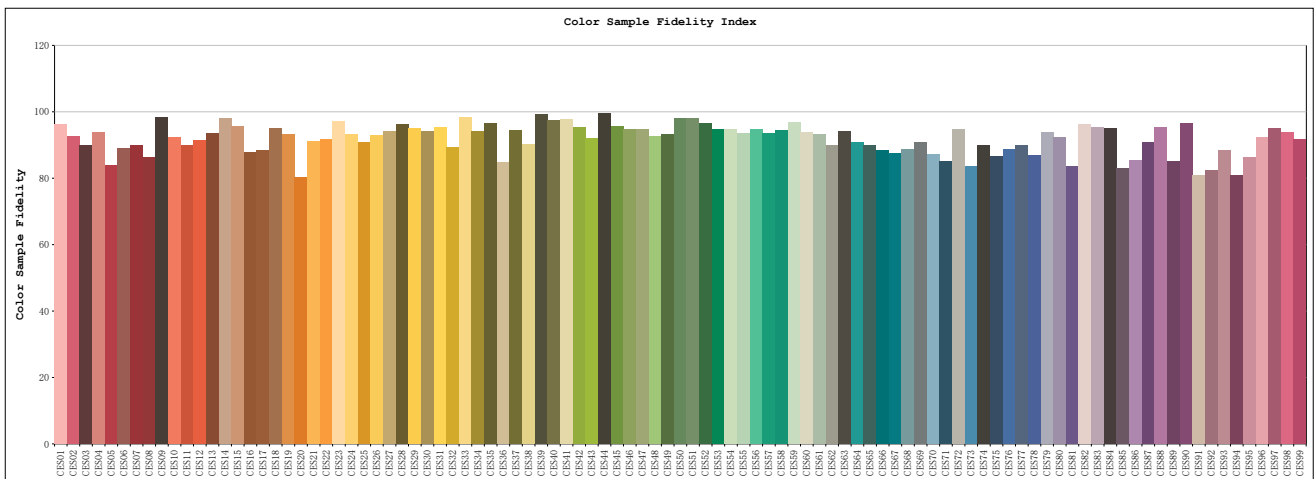
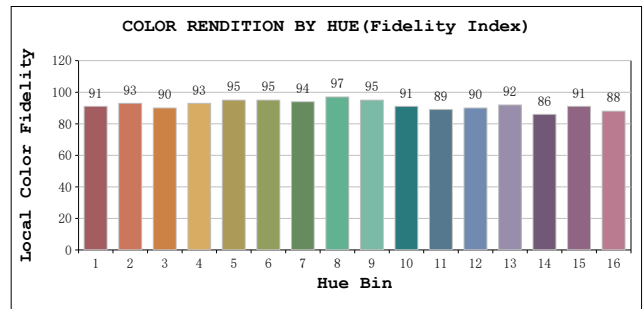
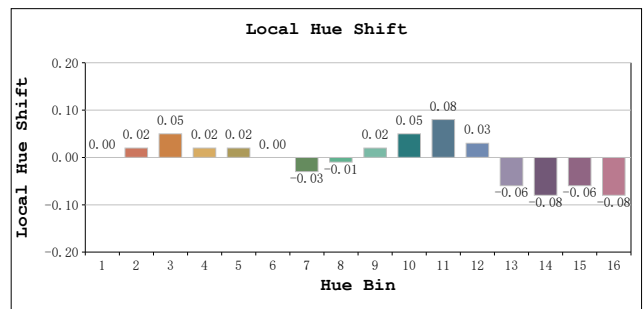
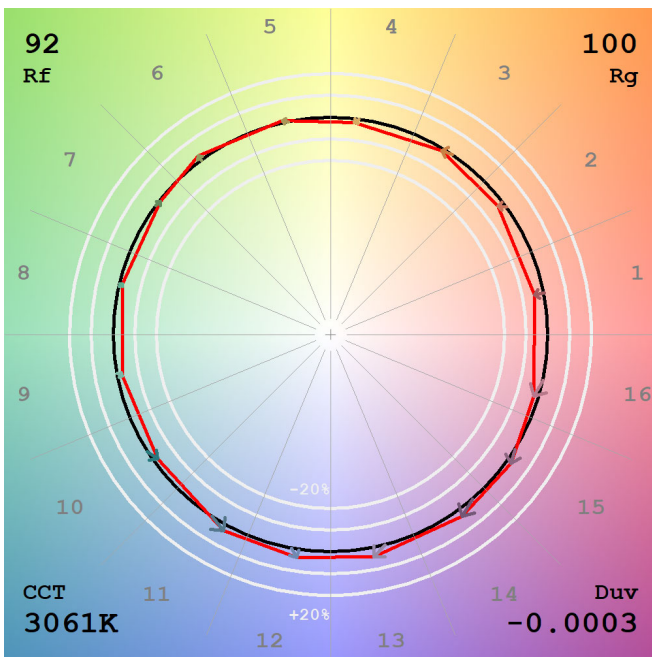
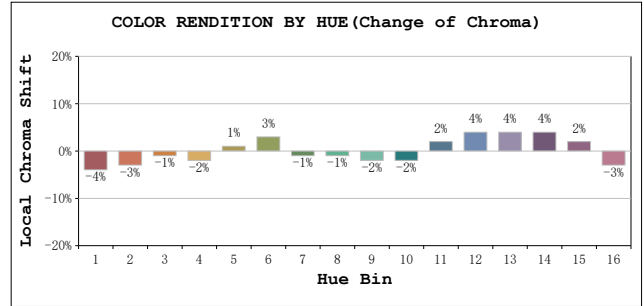
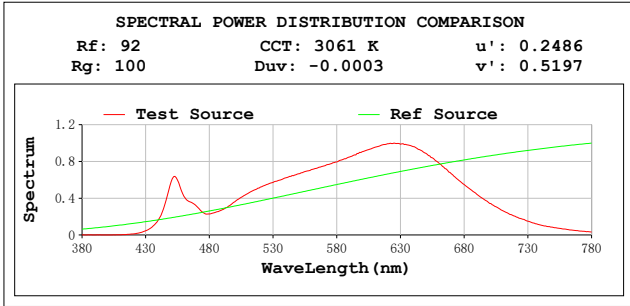
### Electrical parameters

V = 24.00 V I = 0.5691 A P = 13.66 W PF = 1.000

Freq=0.00 Hz

# TM30

View Angle: 2 Deg



**All Rf:**

Rf1 = 96.4	Rf2 = 92.6	Rf3 = 89.9	Rf4 = 93.8
Rf5 = 84.0	Rf6 = 88.9	Rf7 = 90.0	Rf8 = 86.1
Rf9 = 98.5	Rf10 = 92.2	Rf11 = 90.1	Rf12 = 91.5
Rf13 = 93.7	Rf14 = 97.9	Rf15 = 95.7	Rf16 = 87.9
Rf17 = 88.3	Rf18 = 95.0	Rf19 = 93.2	Rf20 = 80.4
Rf21 = 91.1	Rf22 = 91.6	Rf23 = 97.3	Rf24 = 93.3
Rf25 = 90.8	Rf26 = 92.8	Rf27 = 94.1	Rf28 = 96.4
Rf29 = 95.2	Rf30 = 94.0	Rf31 = 95.4	Rf32 = 89.4
Rf33 = 98.2	Rf34 = 94.0	Rf35 = 96.4	Rf36 = 84.8
Rf37 = 94.3	Rf38 = 90.1	Rf39 = 99.3	Rf40 = 97.6
Rf41 = 97.8	Rf42 = 95.3	Rf43 = 92.0	Rf44 = 99.5
Rf45 = 95.6	Rf46 = 94.8	Rf47 = 94.6	Rf48 = 92.8
Rf49 = 93.3	Rf50 = 97.9	Rf51 = 98.0	Rf52 = 96.5
Rf53 = 94.8	Rf54 = 94.7	Rf55 = 93.4	Rf56 = 94.6
Rf57 = 93.6	Rf58 = 94.3	Rf59 = 96.7	Rf60 = 93.9
Rf61 = 93.2	Rf62 = 89.9	Rf63 = 94.1	Rf64 = 90.7
Rf65 = 89.9	Rf66 = 88.4	Rf67 = 87.5	Rf68 = 88.9
Rf69 = 90.9	Rf70 = 87.3	Rf71 = 85.0	Rf72 = 94.6
Rf73 = 83.6	Rf74 = 89.9	Rf75 = 86.8	Rf76 = 88.9
Rf77 = 89.8	Rf78 = 87.0	Rf79 = 93.8	Rf80 = 92.3
Rf81 = 83.7	Rf82 = 96.4	Rf83 = 95.4	Rf84 = 95.1
Rf85 = 83.1	Rf86 = 85.6	Rf87 = 90.8	Rf88 = 95.3
Rf89 = 85.2	Rf90 = 96.5	Rf91 = 81.0	Rf92 = 82.3
Rf93 = 88.4	Rf94 = 80.9	Rf95 = 86.2	Rf96 = 92.4
Rf97 = 94.9	Rf98 = 93.8	Rf99 = 91.7	