

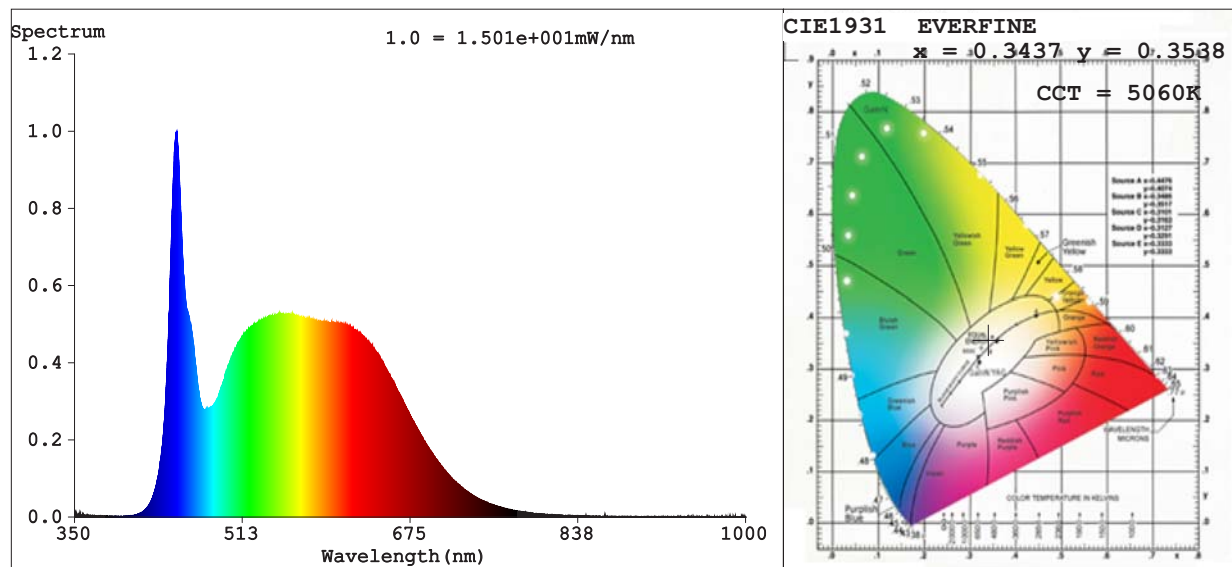
## LIGHT SOURCE TEST REPORT

Specification	NF-COB-I-480-24V-5000K	Date	:2021-12-21	16:31:46
Length	.5M			

## TEST CONDITION

Temperature	: 25.3 Deg C	RH	: 65.0 %
Test Mode	: Fast Test	IP	: 16401 [25%]
Sensitivity	: High	Integral T	: 200 ms
		Tecool	: ON

## SPECTRUM



## COLORIMETRIC PARAMETERS

Chromaticity Coordinate:  $x = 0.2427$   $y = 0.3537$  /  $u' = 0.2096$   $v' = 0.4856$

CCT = 5060K [Duv = -0.0017] Dominant WL:  $\lambda_d = 570.1\text{nm}$  Purity = 9.3%

Peak WL:  $\lambda_p = 449.4\text{nm}$  FWHM: = 21.3nm

Render Index:  $R_a = 91.8$   $\lambda_{av} = 561.5\text{nm}$  Render Index: CRI = 88.2

$R_1 = 91.9$   $R_2 = 93.4$   $R_3 = 93.1$   $R_4 = 92.7$   $R_5 = 91.9$   $R_6 = 90.0$   $R_7 = 94.1$

$R_8 = 87.1$   $R_9 = 63.6$   $R_{10} = 83.7$   $R_{11} = 92.5$   $R_{12} = 71.5$   $R_{13} = 92.4$   $R_{14} = 96.1$   $R_{15} = 90.6$

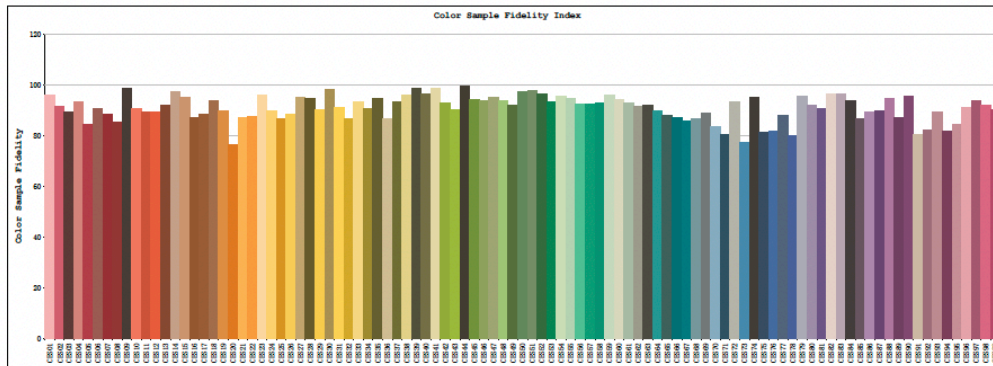
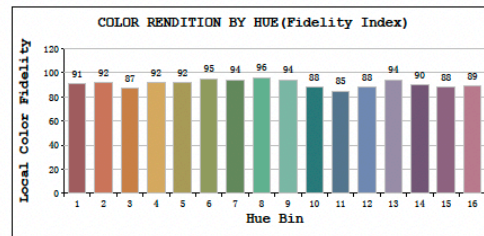
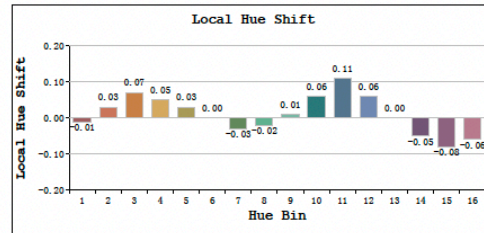
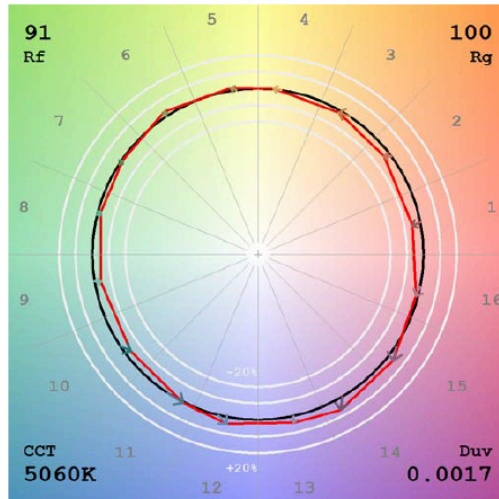
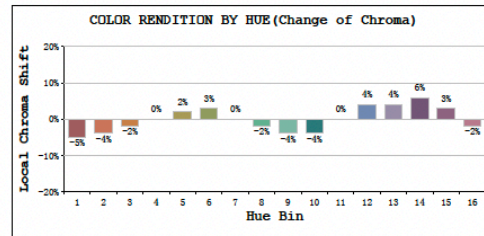
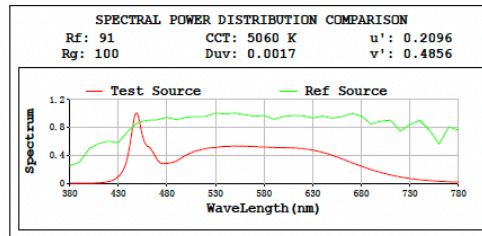
## PHOTOMETRIC &amp; RADIOMETRIC PARAMETERS

Flux = 537.2lm Eff. : 101.2lm/W  $F_e = 1.864\text{W}$

## ELECTRICAL PARAMETERS

$V = 24.00\text{V}$   $I = 0.2212\text{A}$   $P = 5.308\text{W}$  PF = 1.000 Freq = 0.00 Hz

View Angle: 2°



## ALL RF:

Rf1 = 95.8	Rf14 = 97.0	Rf27 = 95.0	Rf40 = 96.2	Rf53 = 93.0	Rf66 = 87.1	Rf79 = 95.3	Rf92 = 82.2
Rf2 = 91.5	Rf15 = 95.1	Rf28 = 94.4	Rf41 = 98.6	Rf54 = 95.4	Rf67 = 85.8	Rf80 = 92.1	Rf93 = 89.1
Rf3 = 89.3	Rf16 = 86.8	Rf29 = 90.1	Rf42 = 92.8	Rf55 = 94.4	Rf68 = 86.5	Rf81 = 90.4	Rf94 = 81.7
Rf4 = 93.0	Rf17 = 88.2	Rf30 = 98.0	Rf43 = 90.2	Rf56 = 92.5	Rf69 = 88.7	Rf82 = 96.3	Rf95 = 84.4
Rf5 = 84.3	Rf18 = 93.6	Rf31 = 91.0	Rf44 = 99.6	Rf57 = 92.3	Rf70 = 83.4	Rf83 = 96.3	Rf96 = 91.0
Rf6 = 90.5	Rf19 = 89.8	Rf32 = 86.3	Rf45 = 94.2	Rf58 = 92.7	Rf71 = 80.1	Rf84 = 93.7	Rf97 = 93.4
Rf7 = 88.2	Rf20 = 76.2	Rf33 = 93.2	Rf46 = 93.5	Rf59 = 96.0	Rf72 = 93.2	Rf85 = 86.4	Rf98 = 91.9
Rf8 = 85.4	Rf21 = 87.1	Rf34 = 90.4	Rf47 = 95.0	Rf60 = 94.1	Rf73 = 77.1	Rf86 = 89.0	Rf99 = 90.1
Rf9 = 98.3	Rf22 = 87.6	Rf35 = 94.4	Rf48 = 93.8	Rf61 = 92.8	Rf74 = 95.0	Rf87 = 89.8	
Rf10 = 90.3	Rf23 = 95.7	Rf36 = 86.7	Rf49 = 92.1	Rf62 = 91.6	Rf75 = 81.3	Rf88 = 94.5	
Rf11 = 89.1	Rf24 = 89.6	Rf37 = 93.2	Rf50 = 97.1	Rf63 = 91.9	Rf76 = 81.8	Rf89 = 86.9	
Rf12 = 89.2	Rf25 = 86.4	Rf38 = 95.6	Rf51 = 97.5	Rf64 = 89.8	Rf77 = 88.0	Rf90 = 95.2	
Rf13 = 91.8	Rf26 = 88.5	Rf39 = 98.5	Rf52 = 96.4	Rf65 = 88.0	Rf78 = 79.8	Rf91 = 80.2	