

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P1066262

Luminaire Tested: **NVN-SA1B-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066262
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4210.3 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 37.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

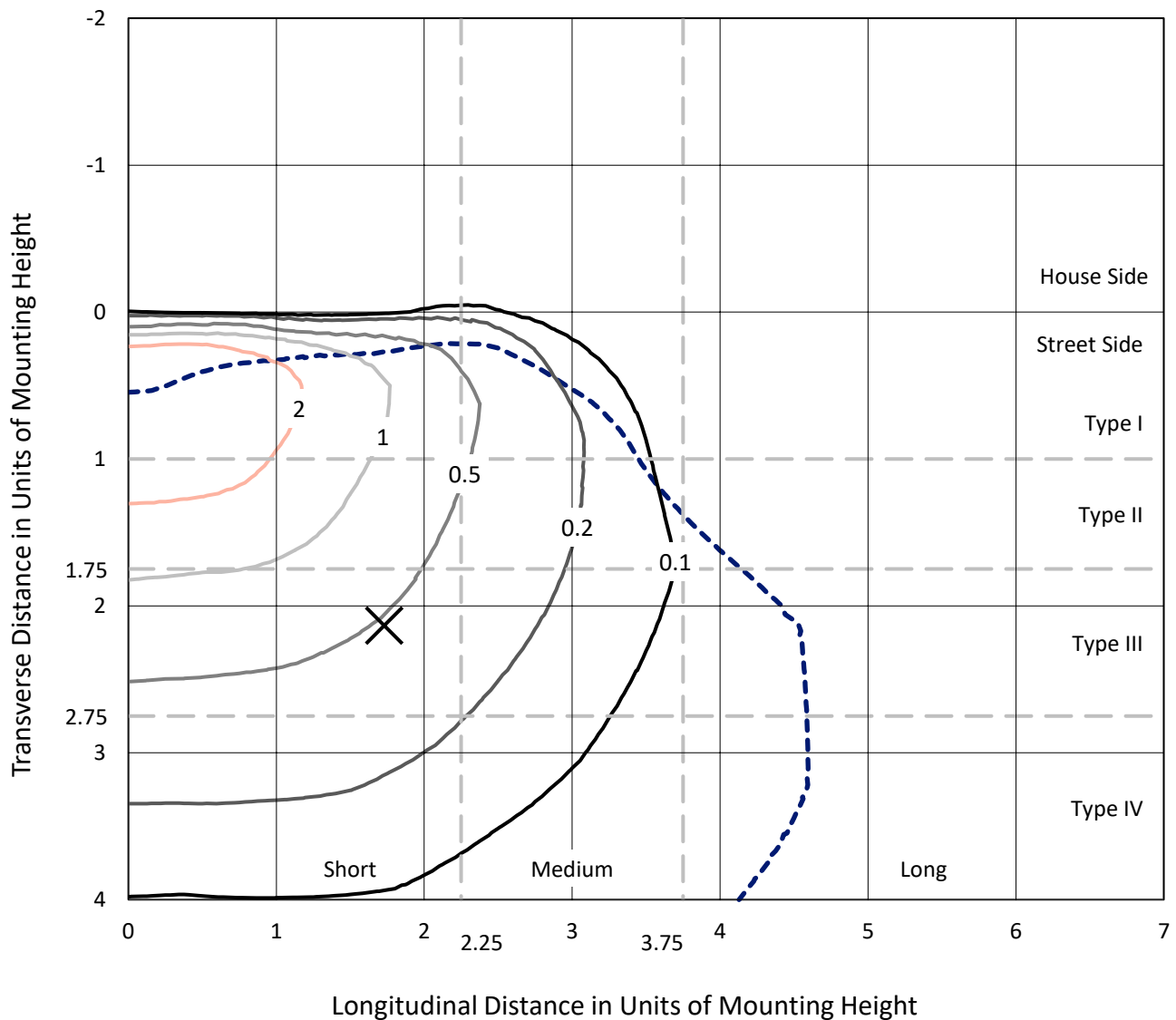


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CATALOG NUMBER: NVN-SA1B-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

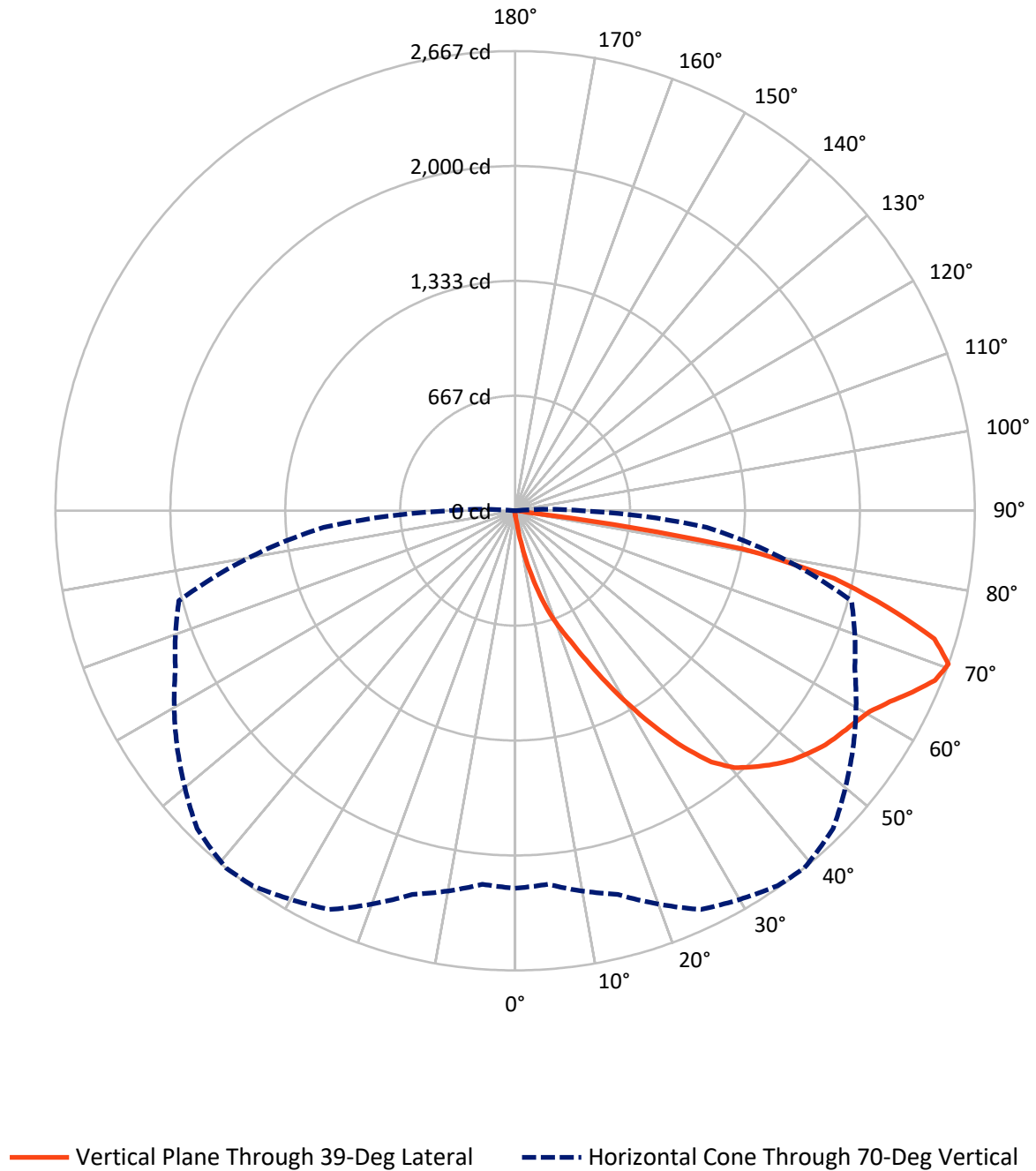


Based on 15 foot mounting height. Maximum calculated value = 4.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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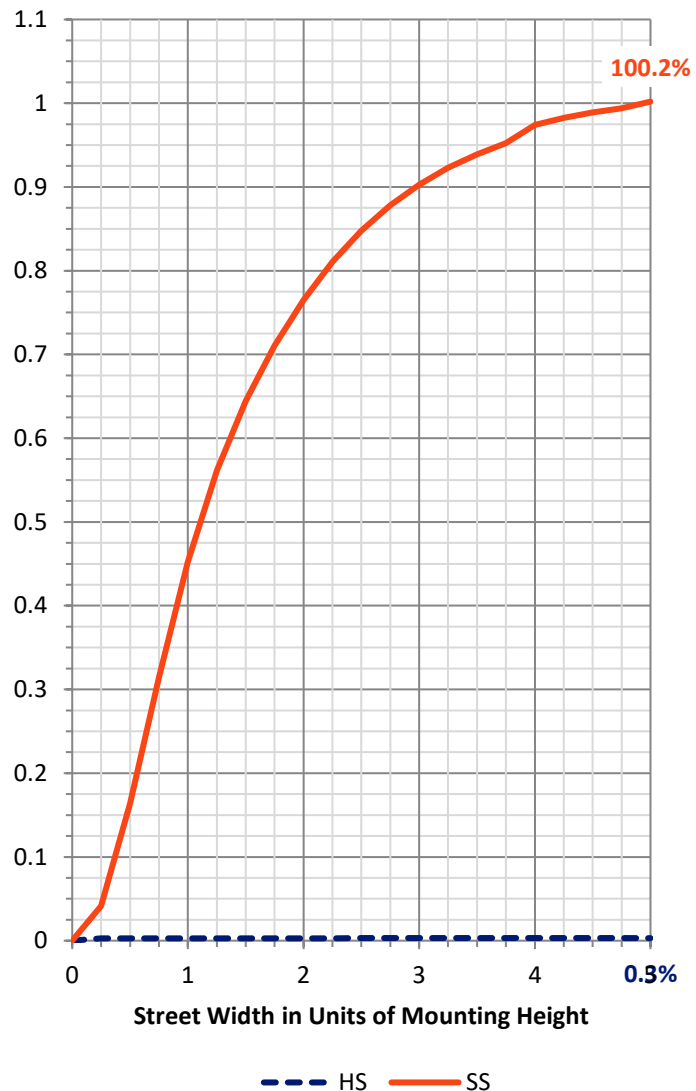
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.0	0.0	13.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4197.4	0.0	4197.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	4210.3	0.0	4210.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.1
10°-20°	51.8	1.2
20°-30°	175.6	4.2
30°-40°	412.8	9.8
40°-50°	670.3	15.9
50°-60°	849.4	20.2
60°-70°	1079.0	25.6
70°-80°	876.7	20.8
80°-90°	90.3	2.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4210.3	100.0
0°-180°	4210.3	100.0



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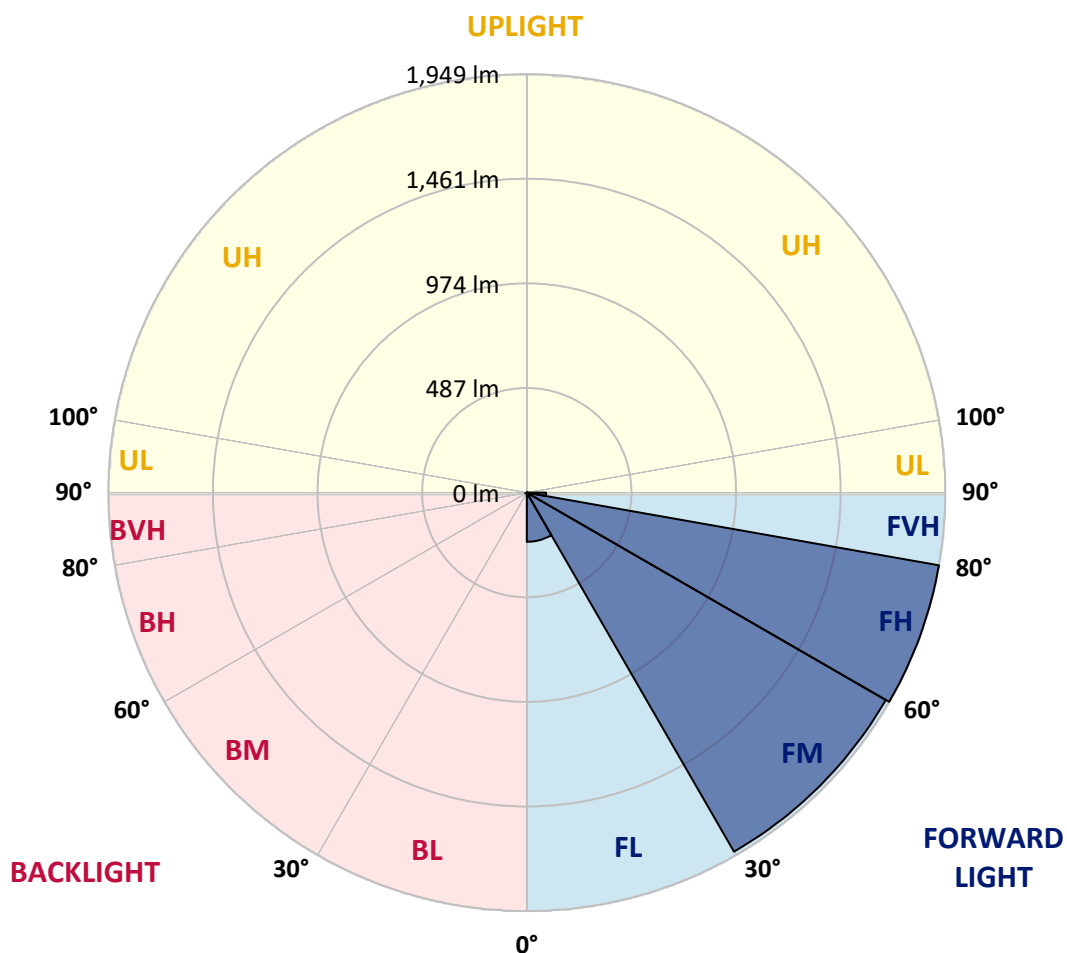
CATALOG NUMBER: NVN-SA1B-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	229.0	5.4			
FM	(30°-60°)	1930.1	45.8			
FH	(60°-80°)	1948.5	46.3			G2/5000
FVH	(80°-90°)	89.7	2.1			G1/100
BL	(0°-30°)	2.8	0.1	B0/110		
BM	(30°-60°)	2.5	0.1	B0/220		
BH	(60°-80°)	7.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type IV Short



REPORT NUMBER: P1066262

CATALOG NUMBER: NVN-SA1B-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2.5°	29.7	29.7	29.7	28.6	28.6	27.4	27.4	26.3	25.1	25.1	24.0
5°	56.0	57.2	53.7	46.9	42.3	40.0	37.7	32.0	28.6	26.3	24.0
7.5°	153.2	148.6	141.7	118.9	91.4	77.7	66.3	46.9	34.3	27.4	24.0
10°	322.4	309.8	290.3	259.5	205.8	184.0	142.9	85.7	48.0	30.9	24.0
12.5°	473.2	475.5	451.5	421.8	356.6	320.1	264.1	161.2	75.4	36.6	24.0
15°	587.5	585.3	576.1	552.1	493.8	458.4	408.1	270.9	126.9	45.7	25.1
17.5°	677.9	668.7	665.3	655.0	617.3	597.8	543.0	398.9	201.2	61.7	26.3
20°	768.2	765.9	762.4	751.0	725.9	712.1	669.9	528.1	299.5	88.0	28.6
22.5°	899.6	887.0	889.3	864.2	843.6	819.6	785.3	665.3	412.7	125.7	32.0
25°	1053.9	1052.8	1034.5	1023.1	988.8	962.5	916.8	797.9	538.4	181.8	35.4
27.5°	1235.7	1223.1	1215.1	1195.7	1160.2	1130.5	1067.6	929.3	674.4	244.6	40.0
30°	1425.4	1425.4	1410.6	1380.9	1346.6	1310.0	1246.0	1067.6	809.3	324.6	45.7
32.5°	1647.2	1651.8	1615.2	1570.6	1526.0	1500.9	1417.4	1224.3	938.5	416.1	52.6
35°	1862.1	1856.4	1795.8	1746.6	1713.5	1686.1	1615.2	1395.7	1084.8	522.4	61.7
37.5°	2067.9	2053.0	1952.4	1882.7	1867.8	1849.5	1778.7	1567.2	1230.0	640.1	73.2
40°	2215.3	2192.5	2088.4	1992.4	1970.7	1960.4	1905.5	1722.6	1383.1	771.6	88.0
42.5°	2279.3	2253.0	2181.0	2103.3	2055.3	2031.3	1983.3	1849.5	1536.3	917.9	109.7
45°	2291.9	2271.3	2219.9	2201.6	2136.4	2099.9	2034.7	1939.8	1679.2	1063.1	139.5
47.5°	2246.2	2237.0	2206.2	2245.0	2211.9	2161.6	2082.7	2007.3	1806.1	1239.1	180.6
50°	2134.2	2127.3	2142.2	2243.9	2266.8	2209.6	2135.3	2059.9	1915.8	1420.9	238.9
52.5°	1983.3	1982.1	2051.9	2214.2	2290.8	2255.3	2186.7	2112.4	2002.7	1596.9	321.2
55°	1818.7	1838.1	1960.4	2186.7	2304.5	2288.5	2237.0	2159.3	2080.4	1760.4	453.8
57.5°	1804.9	1796.9	1914.7	2175.3	2312.5	2321.6	2287.3	2208.5	2146.7	1894.1	631.0
60°	1942.1	1923.8	1968.4	2199.3	2347.9	2363.9	2337.6	2246.2	2213.0	1999.3	864.2
62.5°	2101.0	2083.9	2106.7	2291.9	2417.6	2440.5	2407.4	2285.0	2266.8	2072.4	1114.5
65°	2227.9	2214.2	2257.6	2430.2	2514.8	2534.2	2511.4	2357.1	2290.8	2131.9	1318.0
67.5°	2248.5	2231.3	2321.6	2522.8	2613.1	2626.8	2608.5	2426.8	2282.8	2136.4	1364.9
70°	2190.2	2175.3	2304.5	2552.5	2655.4	2666.8	2608.5	2393.6	2174.2	2019.8	1115.7
72.5°	2010.7	2022.1	2189.0	2480.5	2597.1	2544.5	2421.1	2226.7	2033.6	1712.4	783.0
75°	1731.8	1744.4	1966.1	2282.8	2291.9	2227.9	2161.6	2048.4	1819.8	1128.2	543.0
77.5°	1231.1	1186.5	1518.0	1885.0	1851.8	1893.0	1898.7	1704.4	1523.7	587.5	363.5
80°	121.2	102.9	190.9	540.7	1194.5	1335.1	1390.0	1313.4	1123.7	262.9	190.9
82.5°	26.3	26.3	28.6	30.9	48.0	72.0	330.4	809.3	725.9	133.7	61.7
85°	14.9	14.9	18.3	21.7	28.6	32.0	37.7	50.3	195.5	48.0	11.4
87.5°	11.4	12.6	14.9	18.3	24.0	26.3	32.0	40.0	49.2	44.6	3.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: NVN-SA1B-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2.5°	24.0	22.9	21.7	20.6	19.4	19.4	18.3	18.3	18.3	18.3	18.3
5°	22.9	21.7	20.6	18.3	17.1	16.0	14.9	14.9	14.9	14.9	14.9
7.5°	22.9	21.7	19.4	17.1	14.9	13.7	12.6	11.4	11.4	12.6	12.6
10°	22.9	20.6	17.1	14.9	12.6	11.4	10.3	9.1	9.1	9.1	9.1
12.5°	21.7	19.4	16.0	13.7	11.4	9.1	6.9	5.7	5.7	5.7	5.7
15°	20.6	18.3	14.9	11.4	8.0	5.7	4.6	3.4	3.4	3.4	3.4
17.5°	20.6	17.1	13.7	10.3	5.7	3.4	2.3	1.1	1.1	1.1	2.3
20°	20.6	17.1	12.6	8.0	3.4	2.3	2.3	1.1	0.0	1.1	1.1
22.5°	20.6	16.0	10.3	5.7	3.4	2.3	1.1	0.0	0.0	0.0	0.0
25°	21.7	16.0	9.1	4.6	2.3	1.1	0.0	0.0	0.0	0.0	0.0
27.5°	21.7	14.9	8.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	22.9	14.9	6.9	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	22.9	13.7	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	22.9	12.6	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	22.9	11.4	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	24.0	10.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	25.1	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	26.3	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	29.7	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	34.3	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	41.2	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	53.7	6.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	77.7	6.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	130.3	6.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	228.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	386.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	504.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	382.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	182.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	81.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	35.4	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	13.7	2.3	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
82.5°	5.7	2.3	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0
85°	3.4	2.3	2.3	2.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	2.3	2.3	1.1	1.1	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

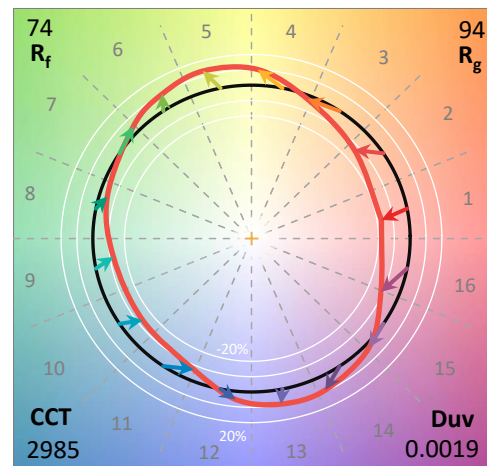
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

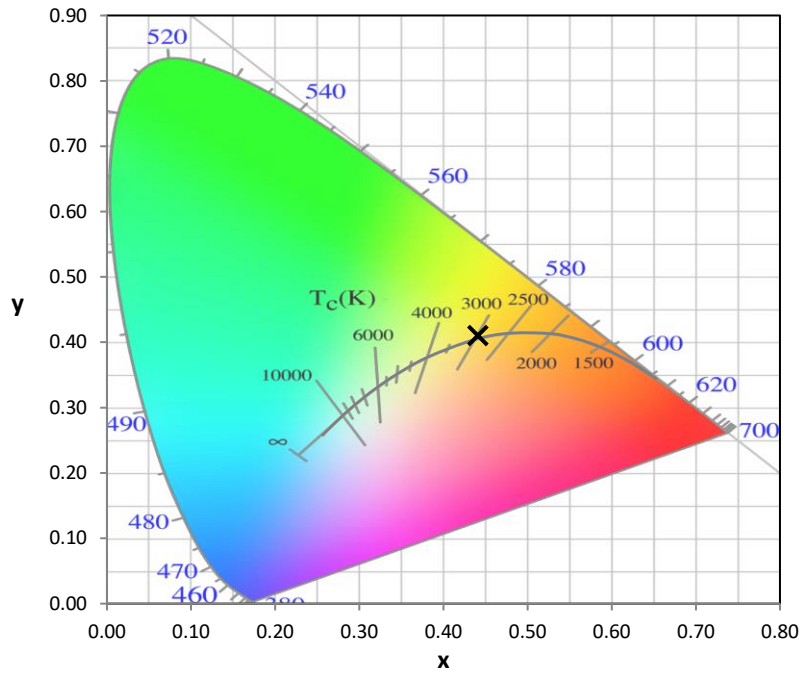
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

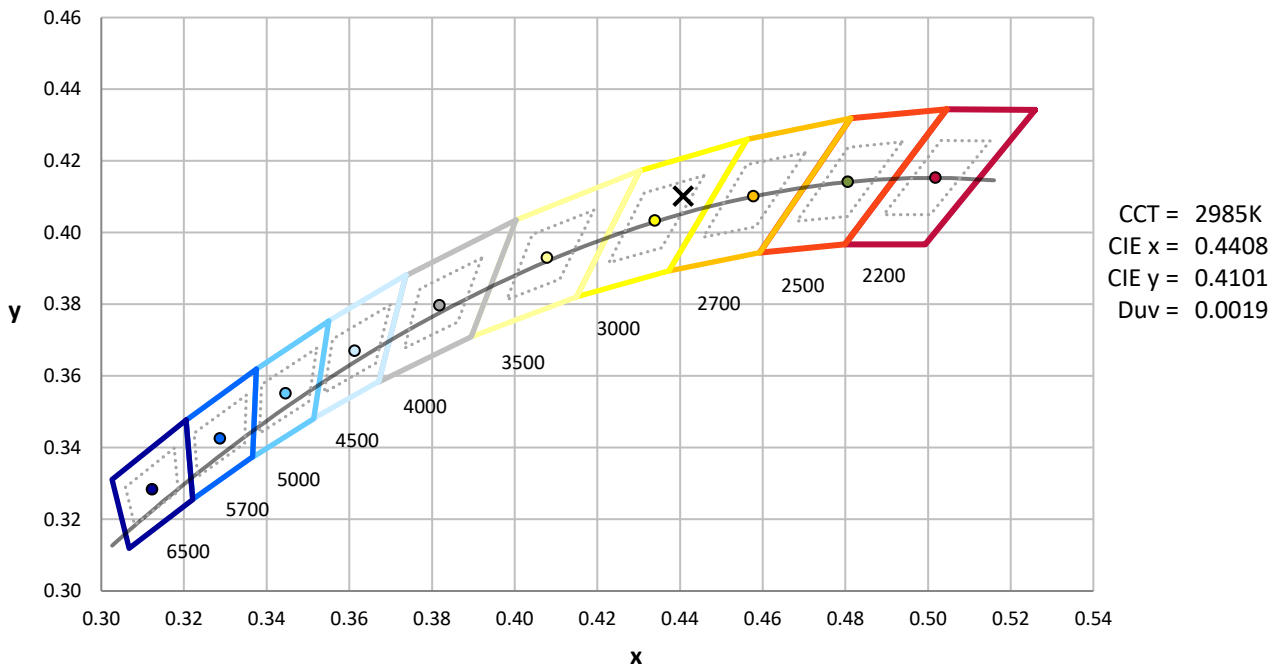
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



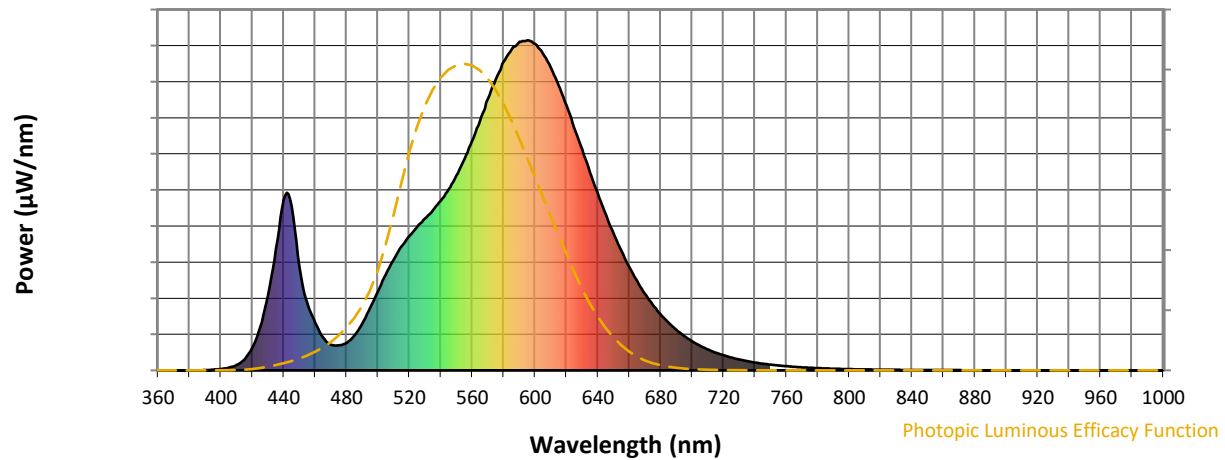
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

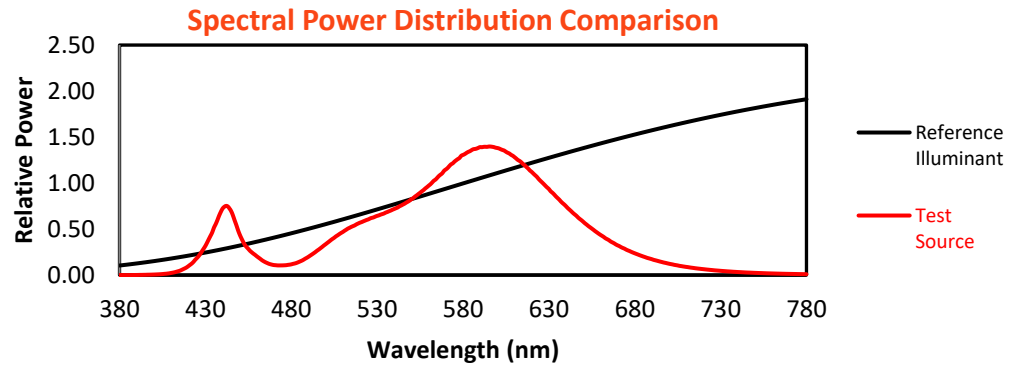
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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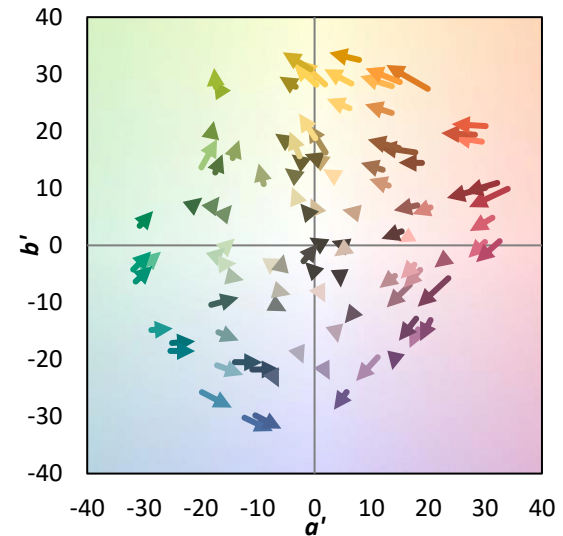
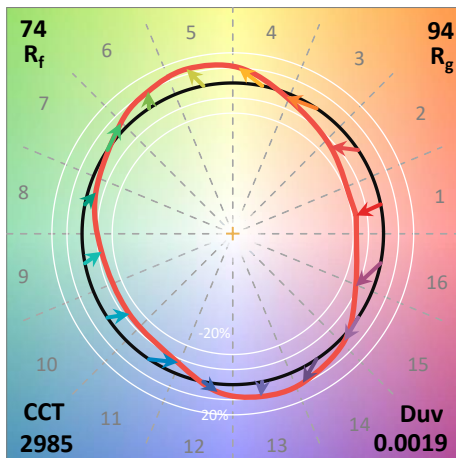
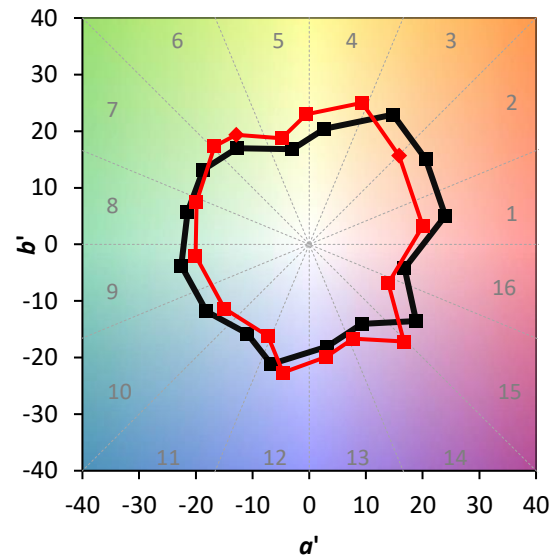
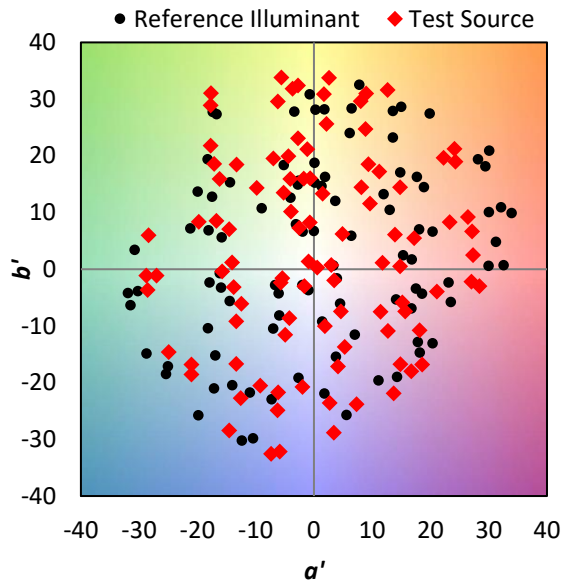
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

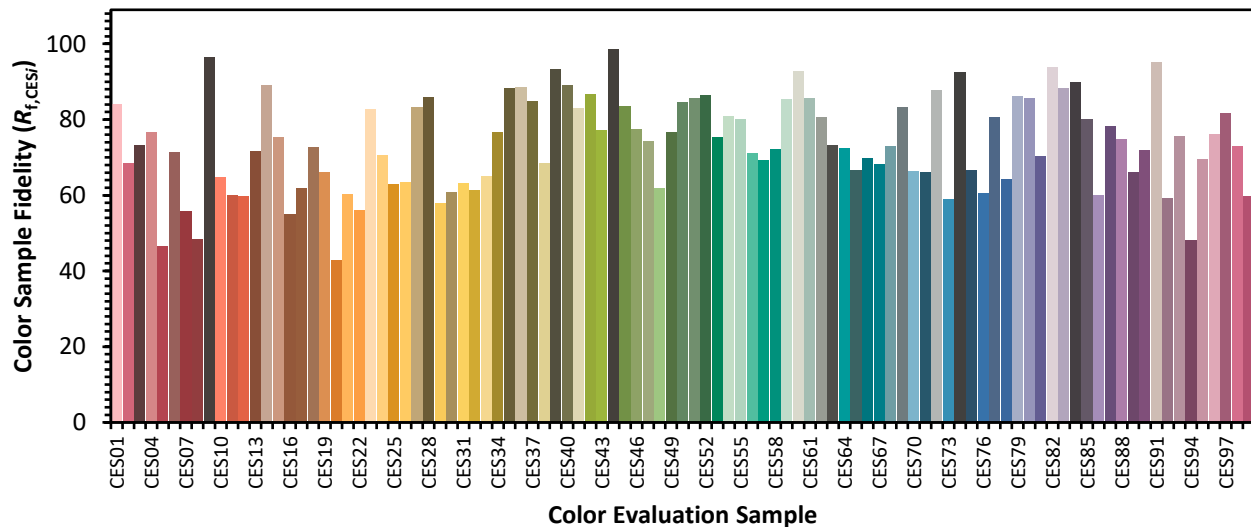


Color Vector Graphics

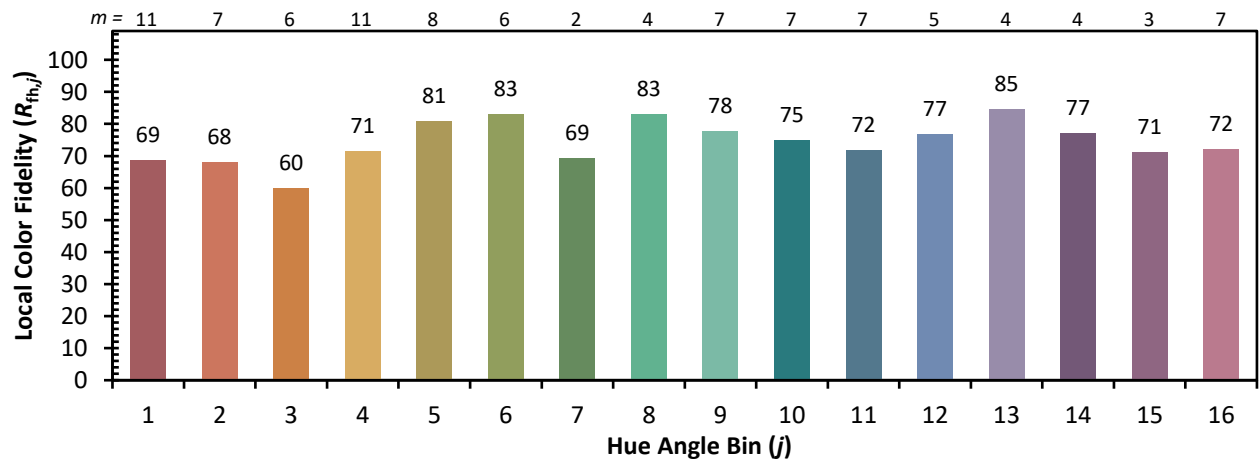
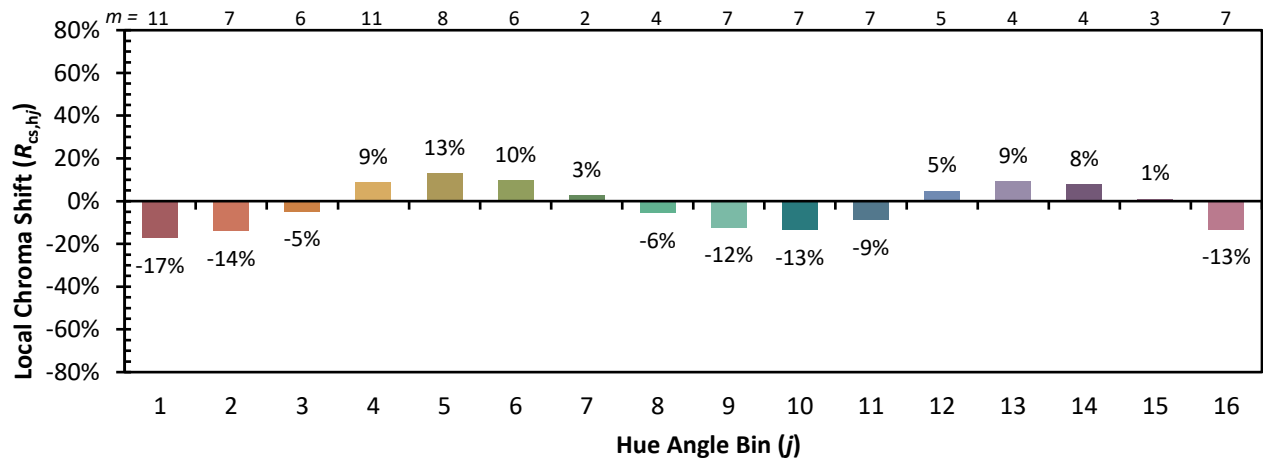


Individual Sample Fidelity Index ($R_{f,i}$)

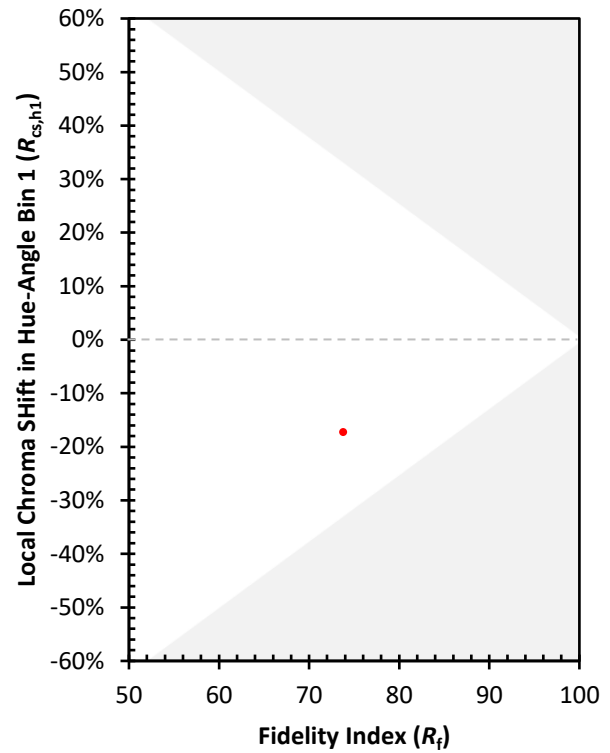
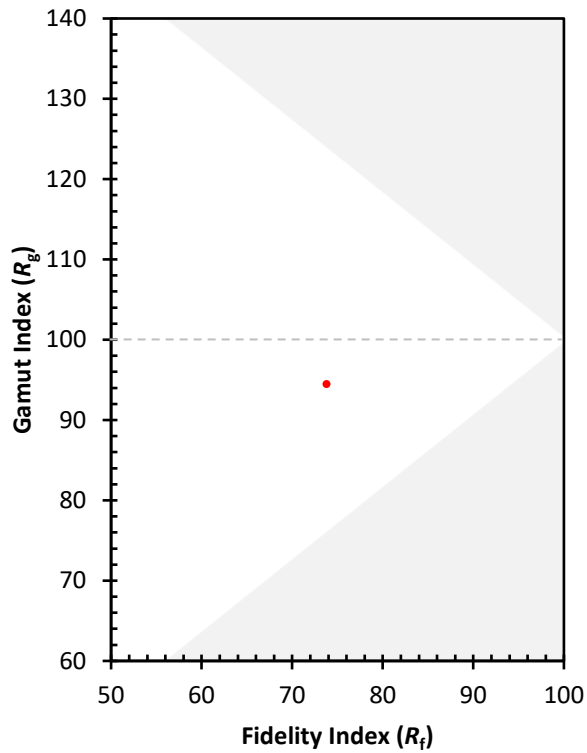
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)