

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: P1066267

Luminaire Tested: **NVN-SA2C-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066267
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2C-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10166.1 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

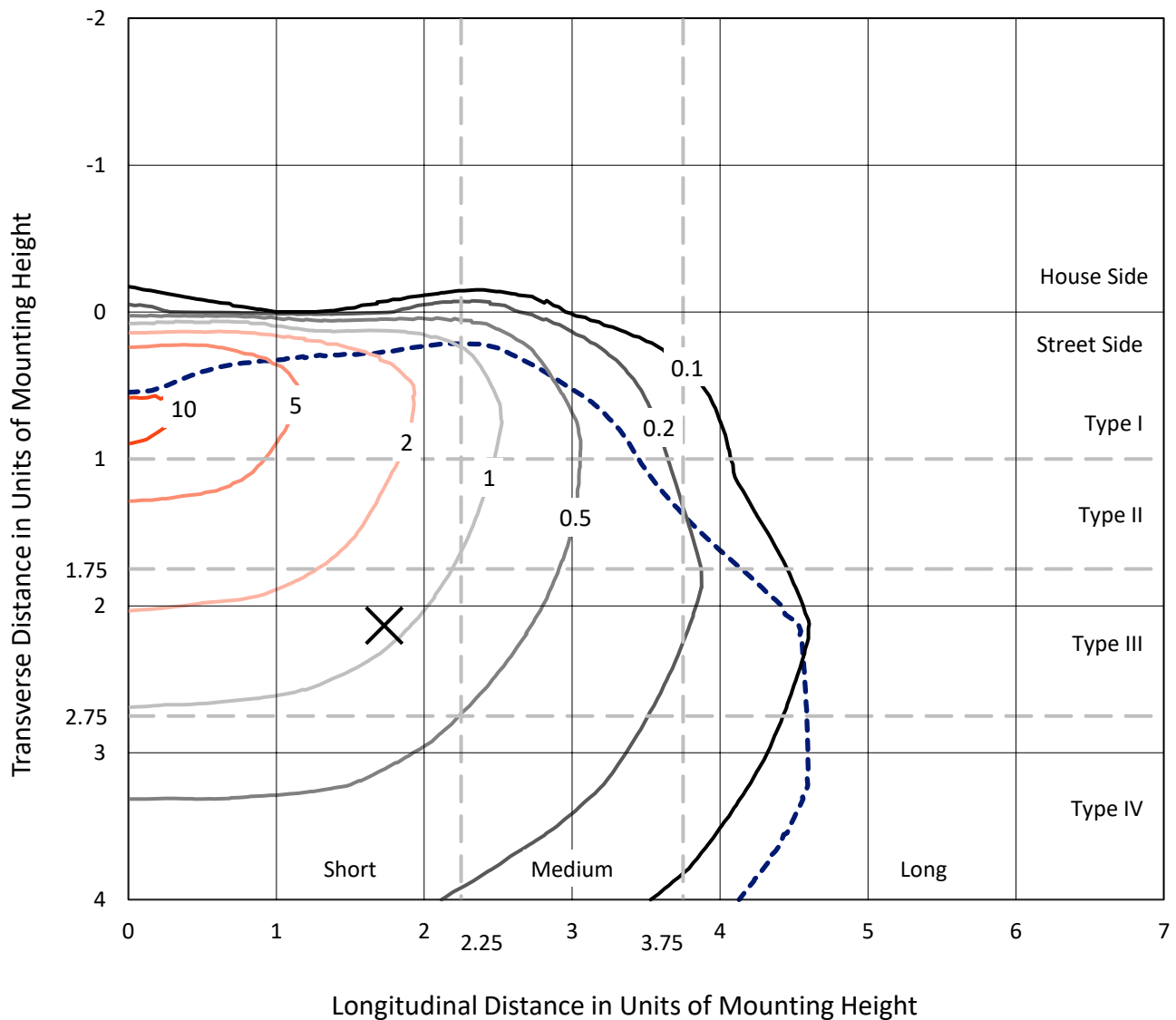


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CATALOG NUMBER: NVN-SA2C-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

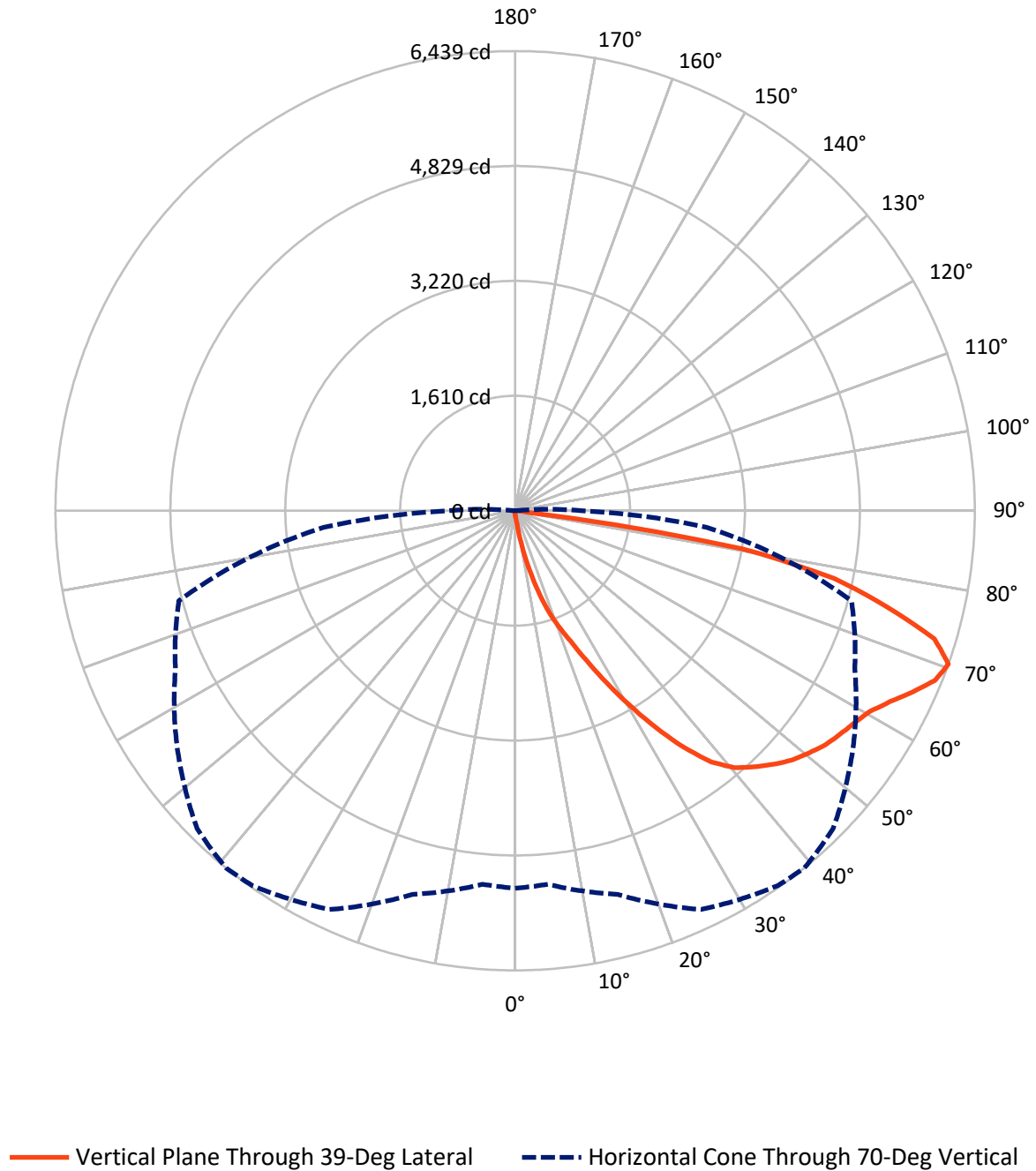


Based on 15 foot mounting height. Maximum calculated value = 11.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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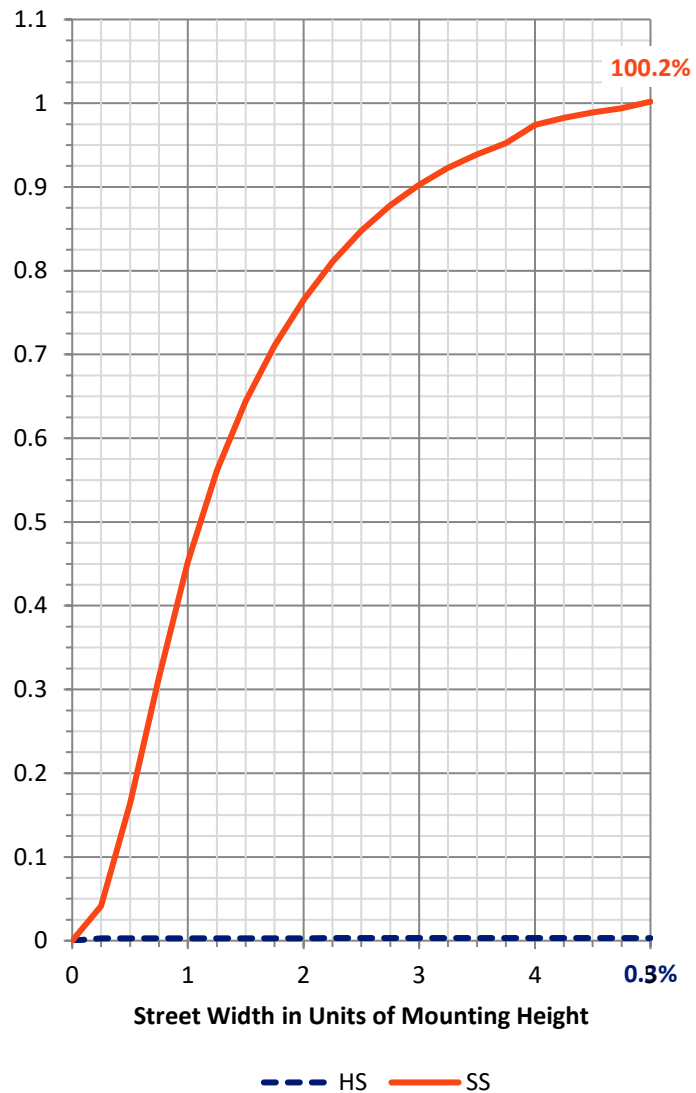
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.3	0.0	31.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	10134.8	0.0	10134.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	10166.1	0.0	10166.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	0.1
10°-20°	125.0	1.2
20°-30°	424.1	4.2
30°-40°	996.8	9.8
40°-50°	1618.5	15.9
50°-60°	2051.0	20.2
60°-70°	2605.3	25.6
70°-80°	2116.8	20.8
80°-90°	218.0	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°	10166.1	100.0
0°-180°	10166.1	100.0



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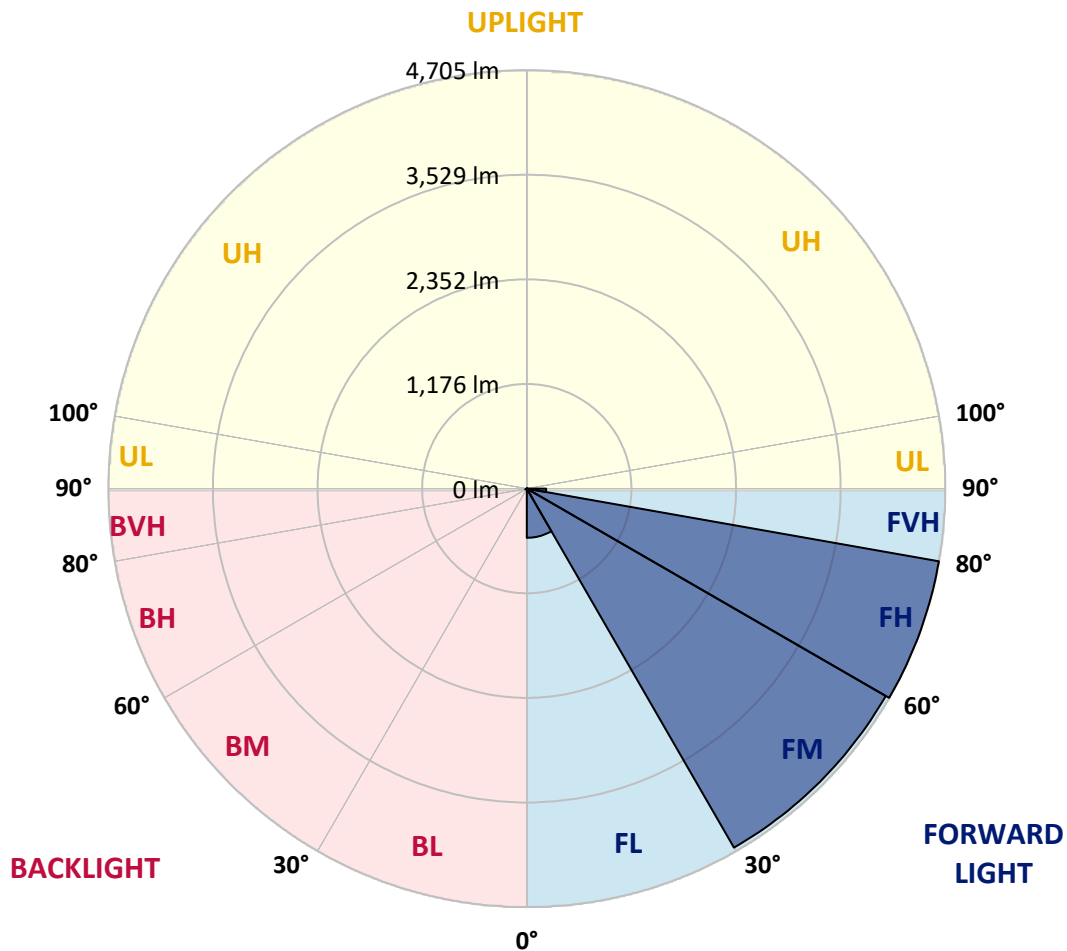
CATALOG NUMBER: NVN-SA2C-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	553.0	5.4			
FM	(30°-60°)	4660.2	45.8			
FH	(60°-80°)	4704.9	46.3			G2/5000
FVH	(80°-90°)	216.7	2.1			G2/225
BL	(0°-30°)	6.8	0.1	B0/110		
BM	(30°-60°)	6.0	0.1	B0/220		
BH	(60°-80°)	17.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
2.5°	71.8	71.8	71.8	69.0	69.0	66.2	66.2	63.5	60.7	60.7	58.0
5°	135.2	138.0	129.7	113.2	102.1	96.6	91.1	77.3	69.0	63.5	58.0
7.5°	369.8	358.8	342.2	287.0	220.8	187.7	160.1	113.2	82.8	66.2	58.0
10°	778.3	748.0	701.1	626.5	496.8	444.4	345.0	207.0	115.9	74.5	58.0
12.5°	1142.7	1148.2	1090.2	1018.5	861.1	772.8	637.6	389.2	182.2	88.3	58.0
15°	1418.7	1413.2	1391.1	1333.1	1192.3	1106.8	985.3	654.1	306.4	110.4	60.7
17.5°	1636.7	1614.6	1606.4	1581.5	1490.4	1443.5	1311.0	963.3	485.8	149.0	63.5
20°	1854.8	1849.2	1841.0	1813.4	1752.6	1719.5	1617.4	1275.2	723.1	212.5	69.0
22.5°	2172.2	2141.8	2147.3	2086.6	2036.9	1979.0	1896.2	1606.4	996.4	303.6	77.3
25°	2544.8	2542.0	2497.9	2470.3	2387.5	2324.0	2213.6	1926.5	1300.0	438.9	85.6
27.5°	2983.6	2953.3	2934.0	2887.0	2801.5	2729.7	2577.9	2243.9	1628.4	590.7	96.6
30°	3441.8	3441.8	3405.9	3334.2	3251.4	3163.0	3008.5	2577.9	1954.1	783.9	110.4
32.5°	3977.3	3988.3	3900.0	3792.3	3684.7	3624.0	3422.5	2956.0	2266.0	1004.7	127.0
35°	4496.2	4482.4	4336.1	4217.4	4137.3	4071.1	3900.0	3370.0	2619.3	1261.4	149.0
37.5°	4993.0	4957.1	4714.2	4545.8	4510.0	4465.8	4294.7	3784.1	2969.8	1545.6	176.6
40°	5349.0	5293.8	5042.6	4810.8	4758.4	4733.5	4601.0	4159.4	3339.7	1863.0	212.5
42.5°	5503.6	5440.1	5266.2	5078.5	4962.6	4904.6	4788.7	4465.8	3709.5	2216.3	265.0
45°	5533.9	5484.3	5360.1	5315.9	5158.6	5070.2	4912.9	4683.8	4054.5	2566.9	336.7
47.5°	5423.5	5401.5	5326.9	5420.8	5340.7	5219.3	5028.8	4846.7	4360.9	2991.9	436.1
50°	5153.0	5136.5	5172.4	5418.0	5473.2	5335.2	5155.8	4973.6	4625.9	3430.8	576.9
52.5°	4788.7	4786.0	4954.3	5346.3	5531.2	5445.6	5280.0	5100.6	4835.6	3855.8	775.6
55°	4391.3	4438.2	4733.5	5280.0	5564.3	5525.7	5401.5	5213.8	5023.3	4250.5	1095.7
57.5°	4358.1	4338.8	4623.1	5252.4	5583.6	5605.7	5522.9	5332.5	5183.4	4573.4	1523.6
60°	4689.4	4645.2	4752.8	5310.4	5669.2	5707.8	5644.3	5423.5	5343.5	4827.4	2086.6
62.5°	5073.0	5031.6	5086.8	5533.9	5837.5	5892.7	5812.7	5517.4	5473.2	5004.0	2691.1
65°	5379.4	5346.3	5451.1	5867.9	6072.2	6119.1	6063.9	5691.3	5531.2	5147.5	3182.4
67.5°	5429.1	5387.7	5605.7	6091.5	6309.5	6342.6	6298.5	5859.6	5511.9	5158.6	3295.5
70°	5288.3	5252.4	5564.3	6163.2	6411.6	6439.2	6298.5	5779.6	5249.6	4877.0	2693.8
72.5°	4855.0	4882.6	5285.5	5989.3	6270.9	6143.9	5845.8	5376.6	4910.2	4134.6	1890.6
75°	4181.5	4211.9	4747.3	5511.9	5533.9	5379.4	5219.3	4946.0	4394.0	2724.2	1311.0
77.5°	2972.6	2865.0	3665.4	4551.4	4471.3	4570.7	4584.5	4115.3	3679.2	1418.7	877.7
80°	292.6	248.4	460.9	1305.5	2884.3	3223.8	3356.2	3171.3	2713.1	634.8	460.9
82.5°	63.5	63.5	69.0	74.5	115.9	173.9	797.7	1954.1	1752.6	322.9	149.0
85°	35.9	35.9	44.2	52.4	69.0	77.3	91.1	121.4	472.0	115.9	27.6
87.5°	27.6	30.4	35.9	44.2	58.0	63.5	77.3	96.6	118.7	107.6	8.3
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-SA2C-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
2.5°	58.0	55.2	52.4	49.7	46.9	46.9	44.2	44.2	44.2	44.2	44.2
5°	55.2	52.4	49.7	44.2	41.4	38.6	35.9	35.9	35.9	35.9	35.9
7.5°	55.2	52.4	46.9	41.4	35.9	33.1	30.4	27.6	27.6	30.4	30.4
10°	55.2	49.7	41.4	35.9	30.4	27.6	24.8	22.1	22.1	22.1	22.1
12.5°	52.4	46.9	38.6	33.1	27.6	22.1	16.6	13.8	13.8	13.8	13.8
15°	49.7	44.2	35.9	27.6	19.3	13.8	11.0	8.3	8.3	8.3	8.3
17.5°	49.7	41.4	33.1	24.8	13.8	8.3	5.5	2.8	2.8	2.8	5.5
20°	49.7	41.4	30.4	19.3	8.3	5.5	5.5	2.8	0.0	2.8	2.8
22.5°	49.7	38.6	24.8	13.8	8.3	5.5	2.8	0.0	0.0	0.0	0.0
25°	52.4	38.6	22.1	11.0	5.5	2.8	0.0	0.0	0.0	0.0	0.0
27.5°	52.4	35.9	19.3	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	55.2	35.9	16.6	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	55.2	33.1	11.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	55.2	30.4	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	55.2	27.6	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	58.0	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	60.7	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	63.5	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	71.8	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.8	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	99.4	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	129.7	16.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	187.7	16.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	314.6	16.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	552.0	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	932.9	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1217.2	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	924.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	441.6	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	196.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	85.6	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.1	5.5	2.8	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	13.8	5.5	2.8	2.8	2.8	2.8	2.8	0.0	0.0	0.0	0.0
85°	8.3	5.5	5.5	5.5	2.8	2.8	2.8	0.0	0.0	0.0	0.0
87.5°	5.5	5.5	5.5	5.5	5.5	2.8	2.8	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

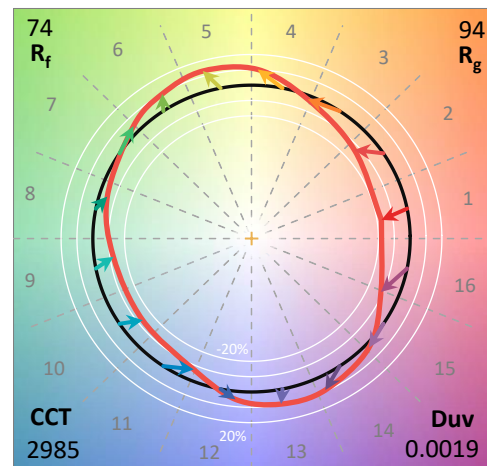
Test Information

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

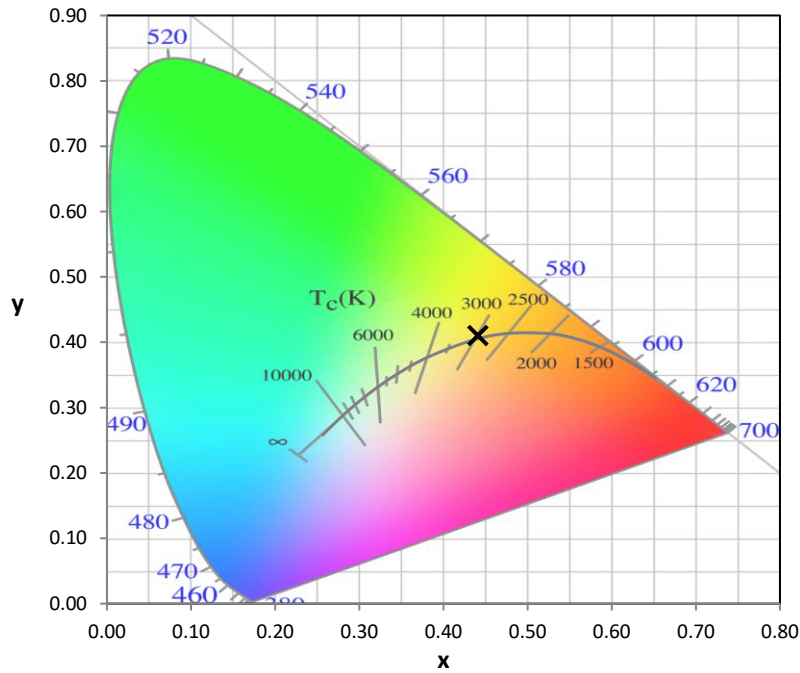
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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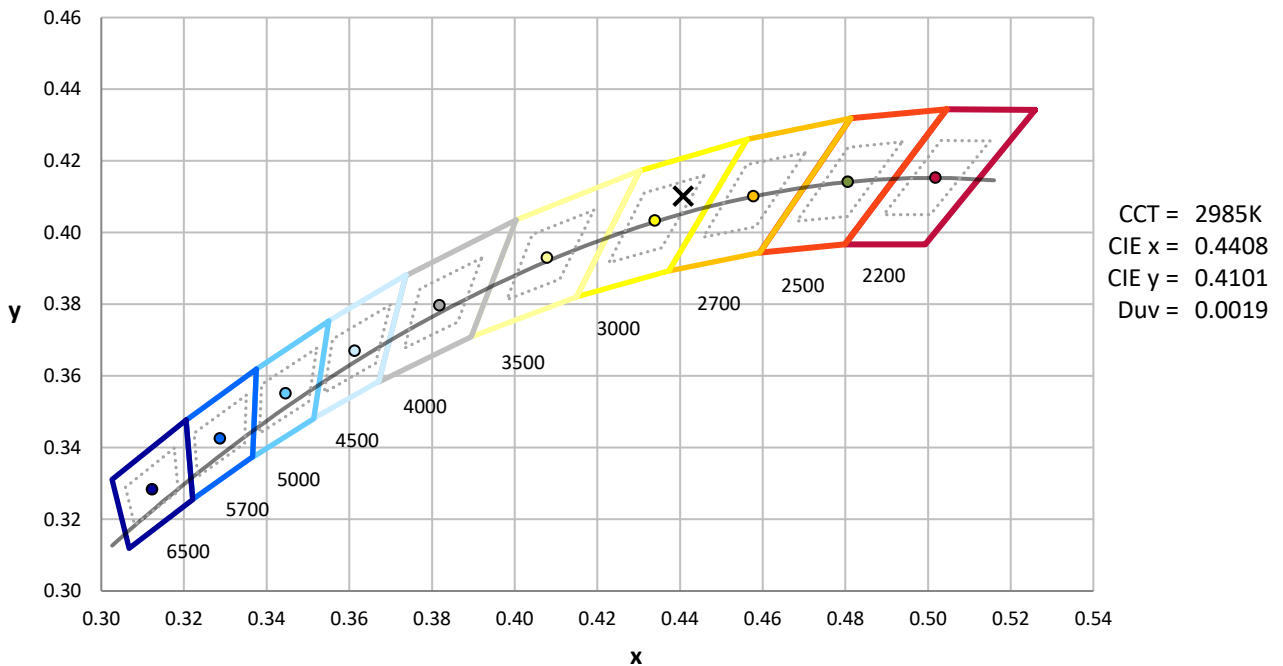
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



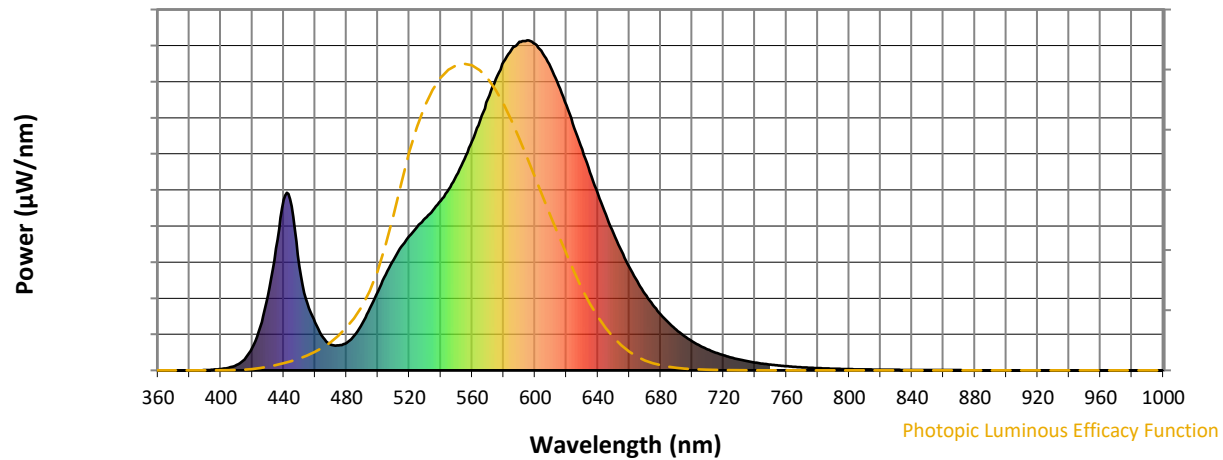
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

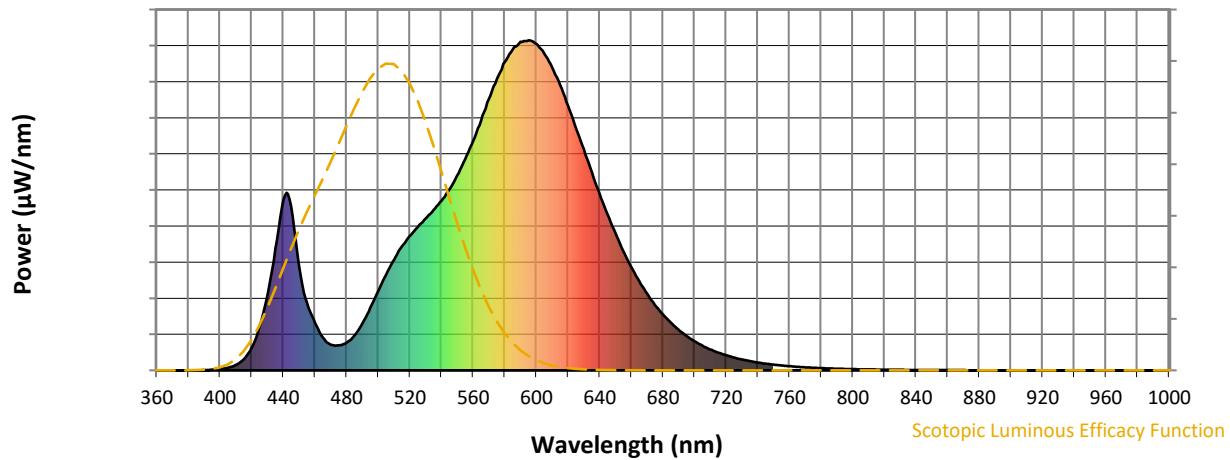


Photopic Lumens: NR

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



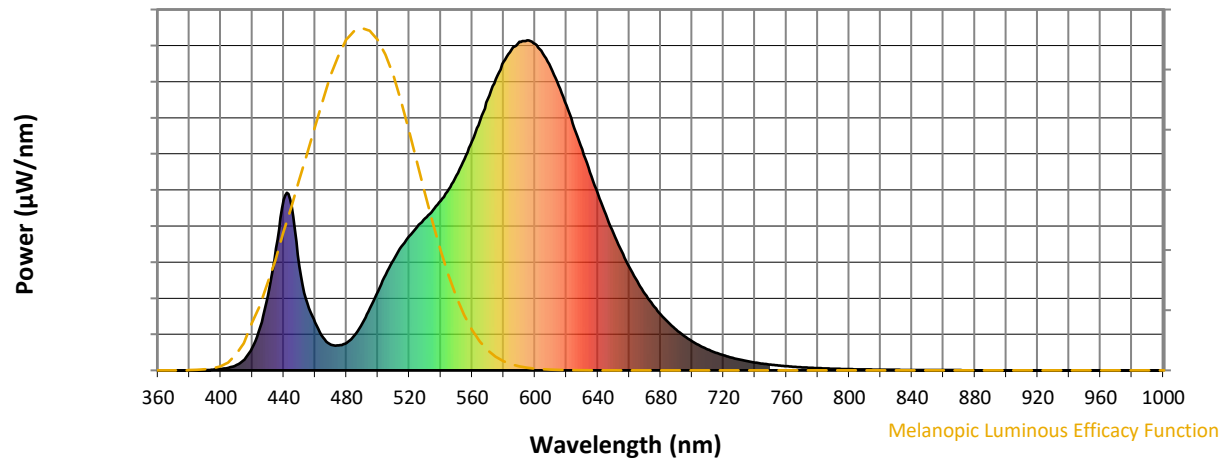
Scotopic Lumens: NR

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

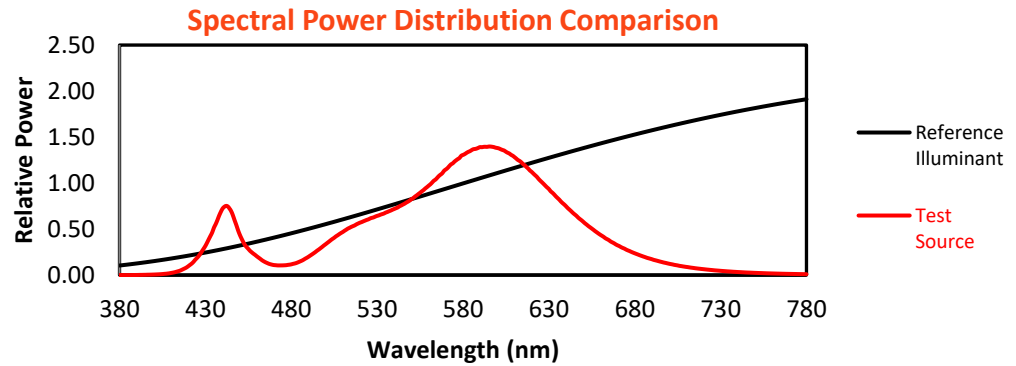
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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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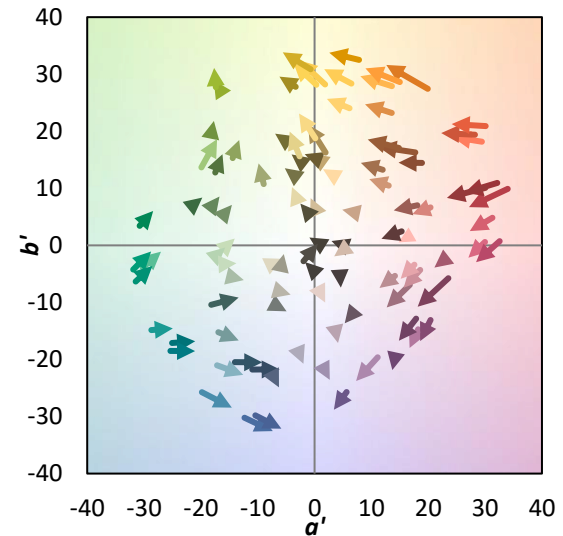
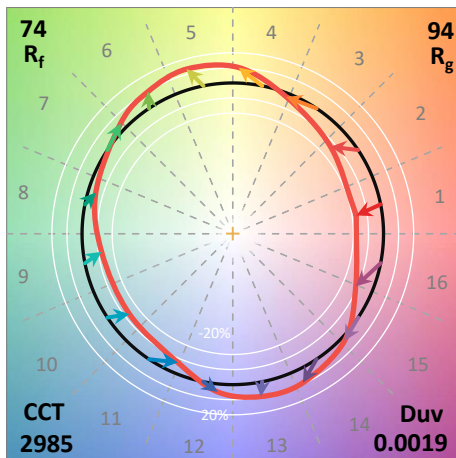
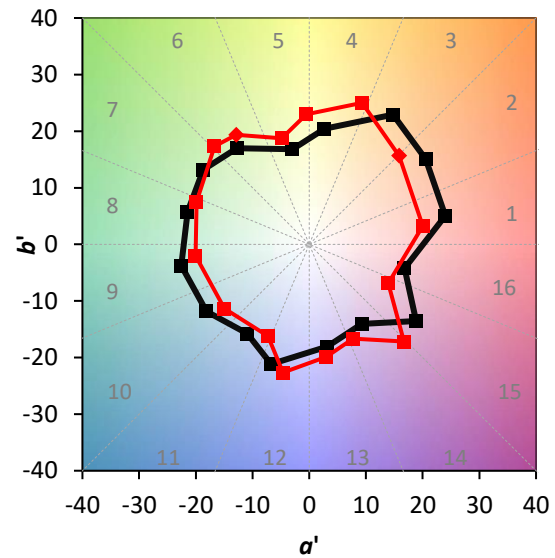
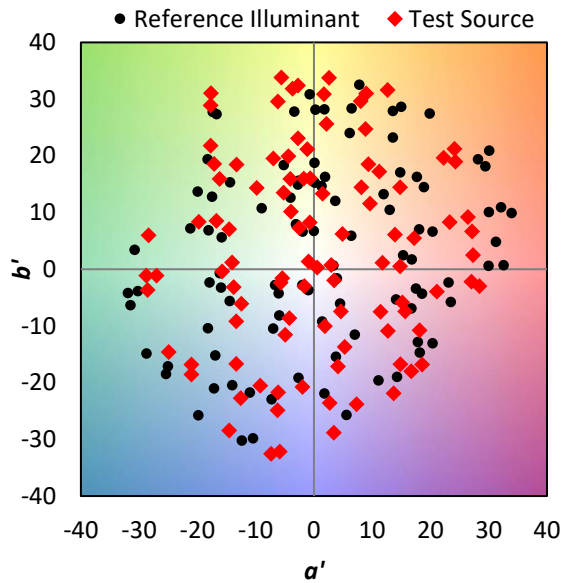
TM-30-18

Summary

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

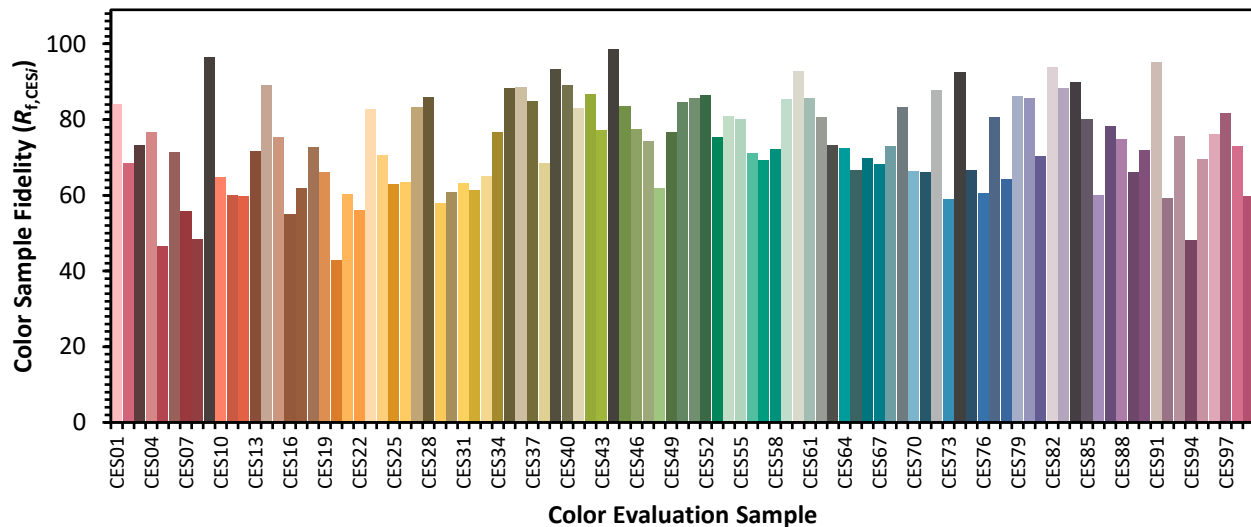


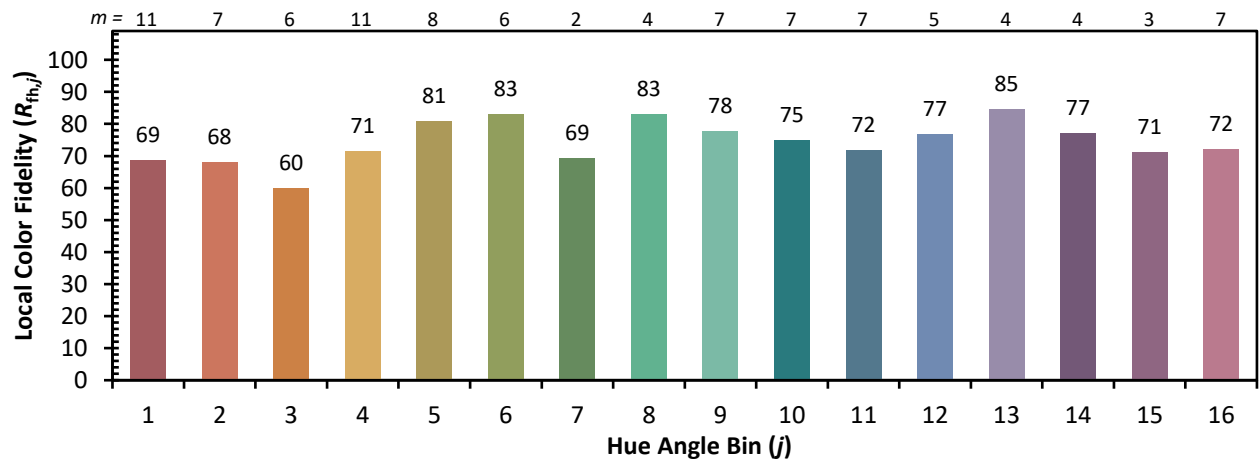
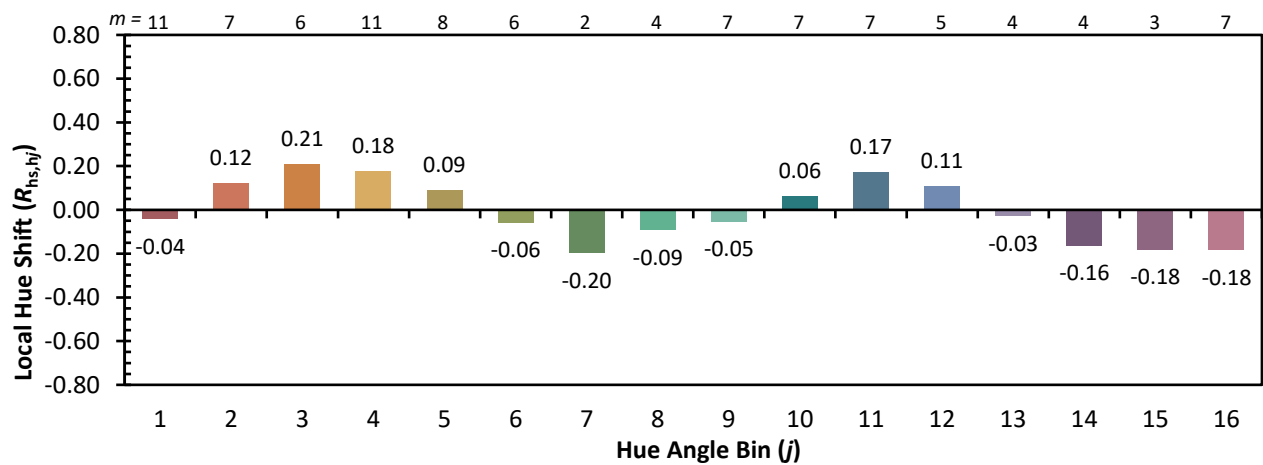
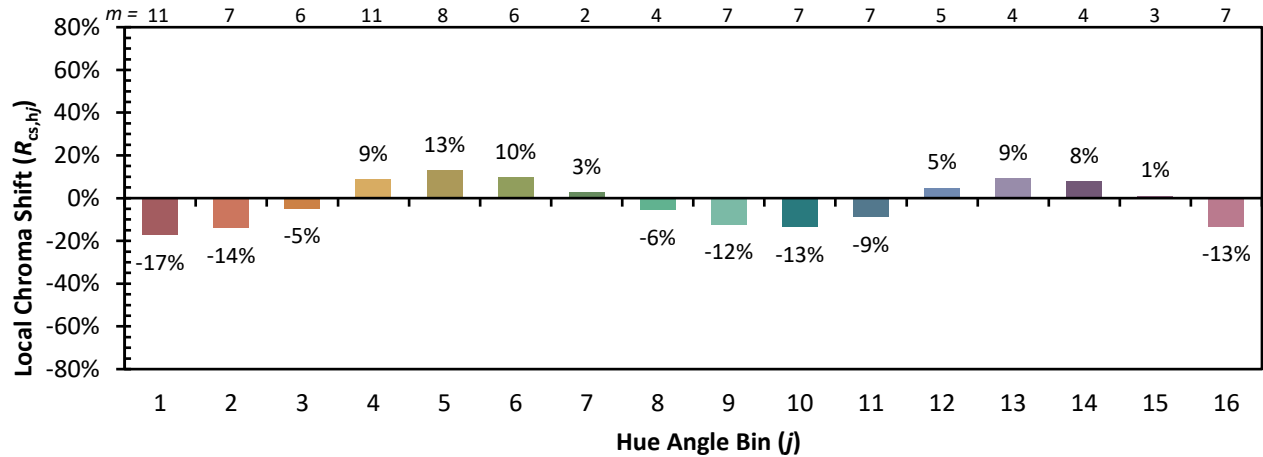
Color Vector Graphics



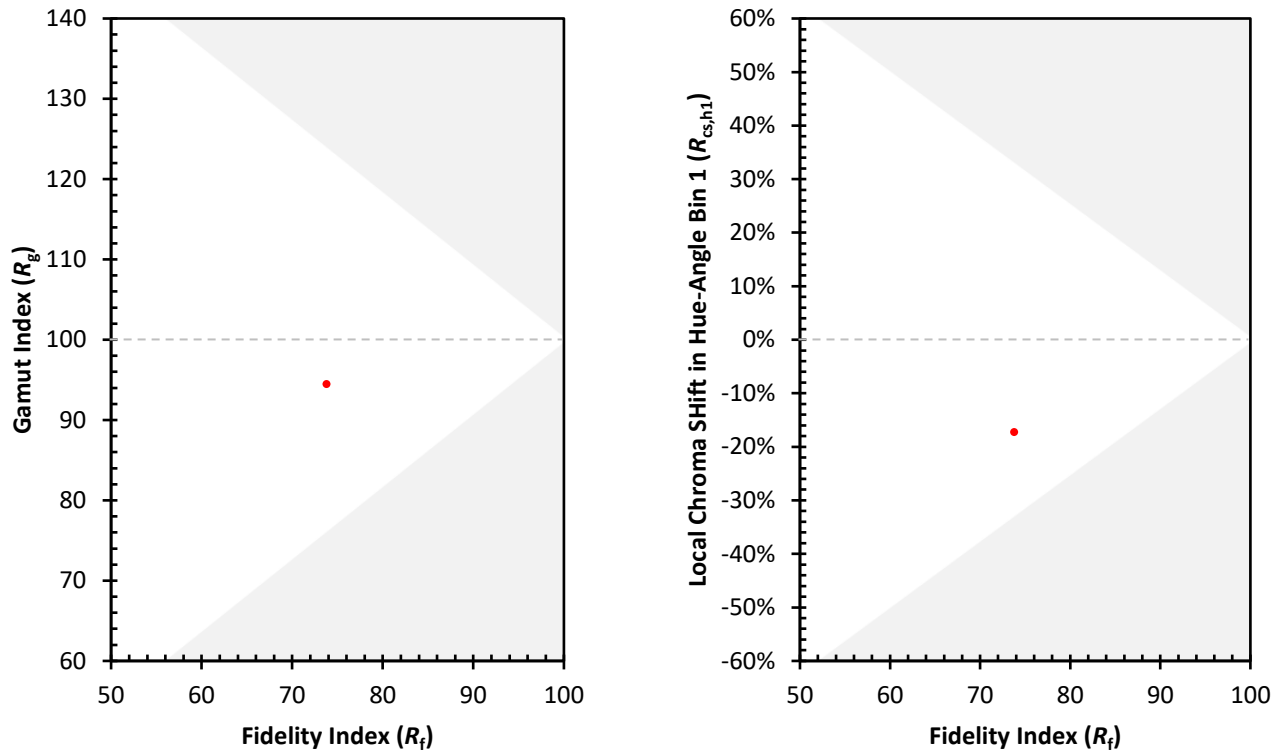
Individual Sample Fidelity Index ($R_{f,i}$)

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)