

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: P1066269

Luminaire Tested: **NVN-SA3A-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066269
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3A-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9755.9 lumens
Efficiency: N/A
Efficacy: 119.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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



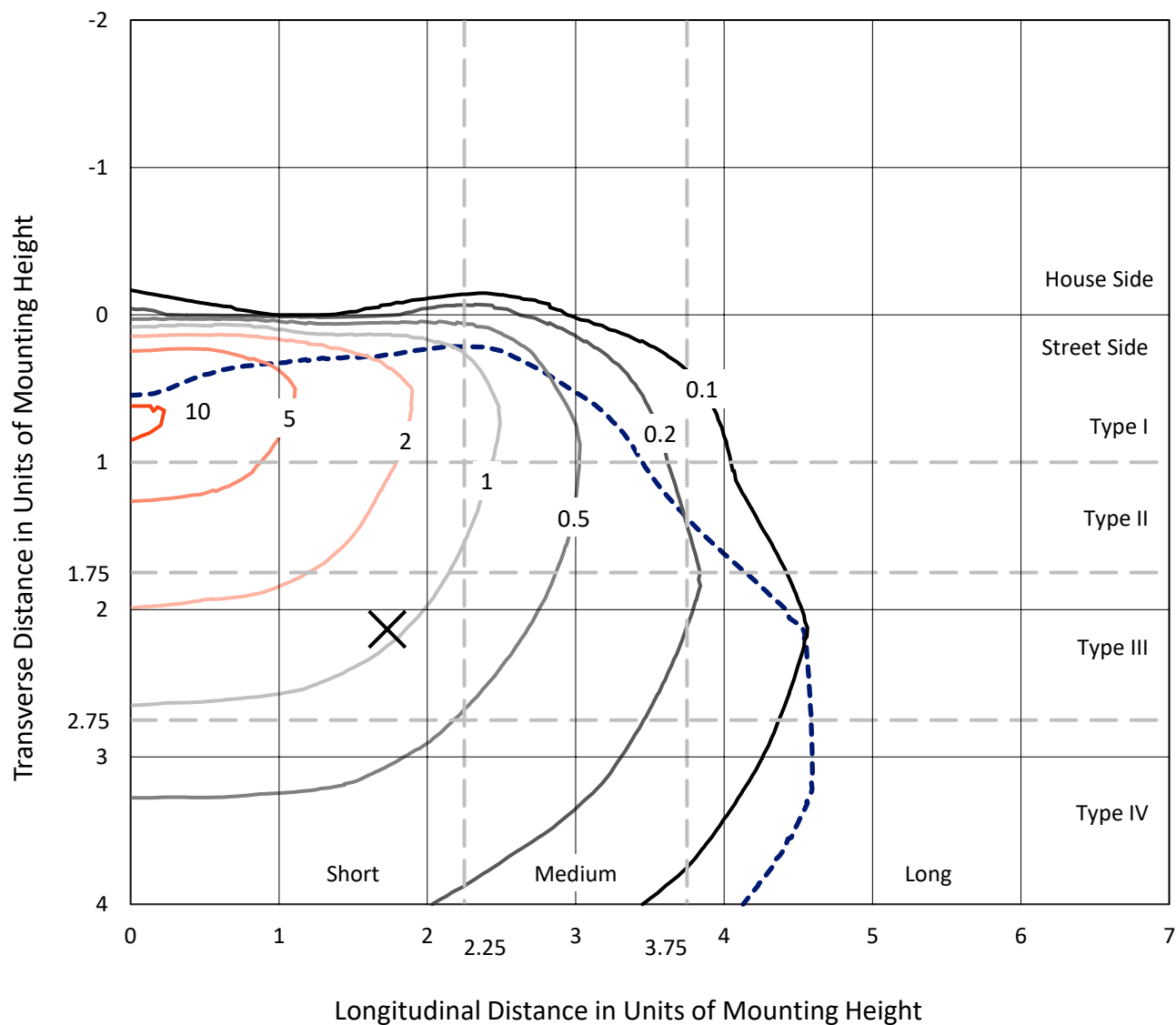
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CATALOG NUMBER: NVN-SA3A-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

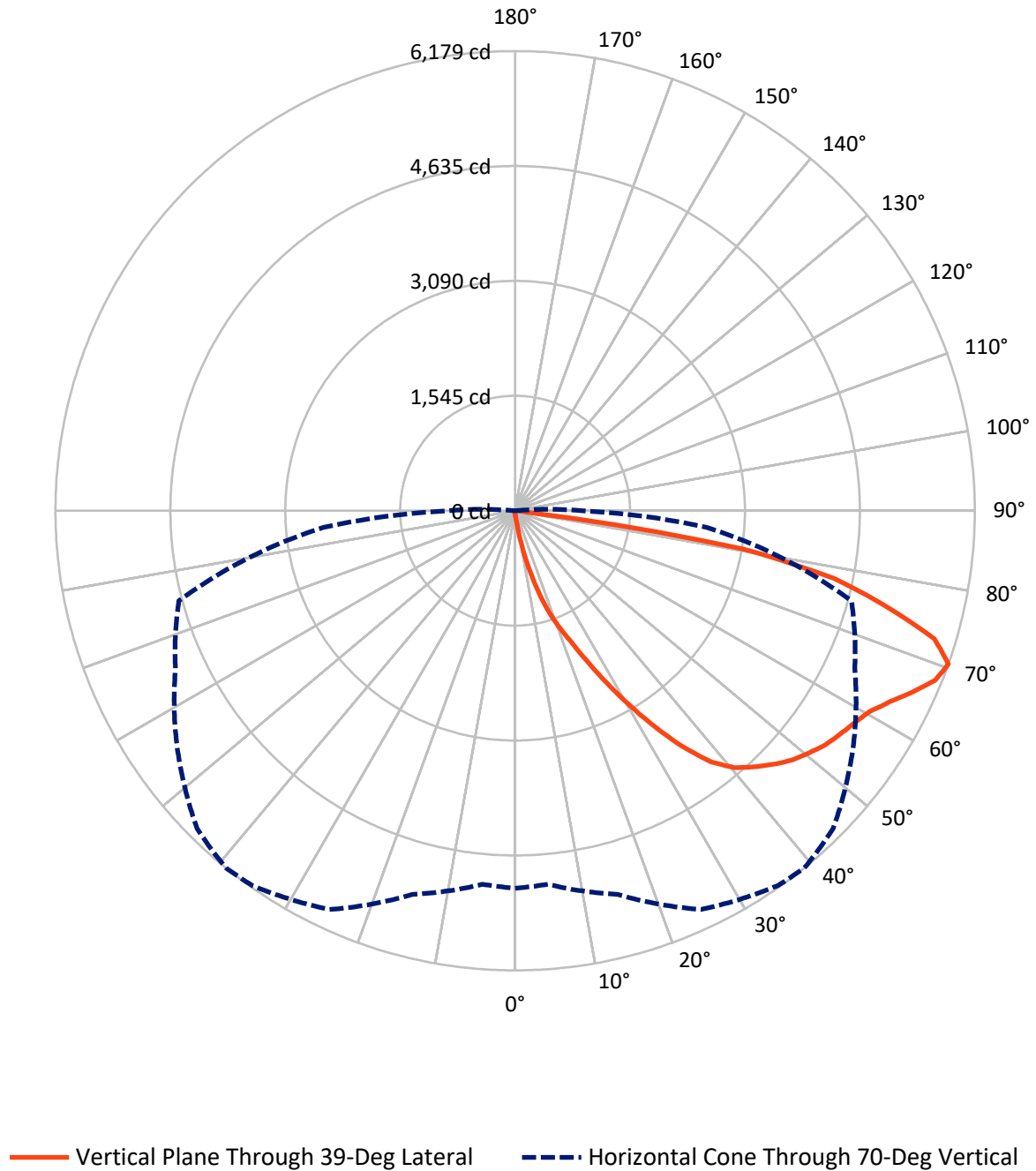


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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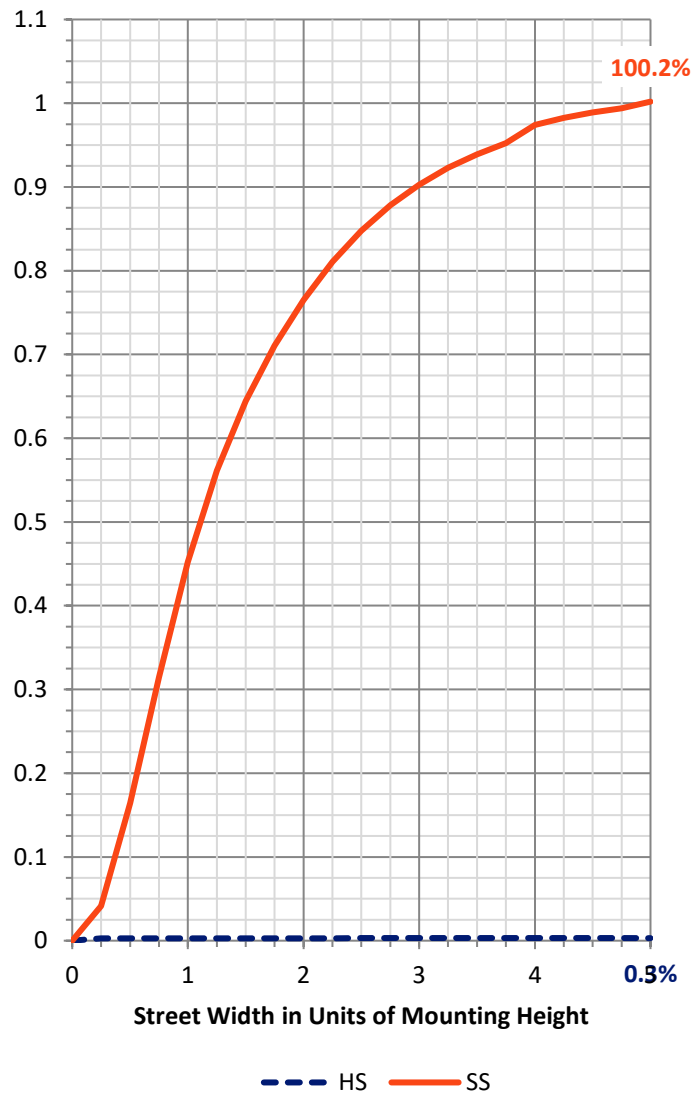
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.0	0.0	30.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	9725.8	0.0	9725.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	9755.9	0.0	9755.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.1
10°-20°	119.9	1.2
20°-30°	407.0	4.2
30°-40°	956.5	9.8
40°-50°	1553.2	15.9
50°-60°	1968.2	20.2
60°-70°	2500.2	25.6
70°-80°	2031.4	20.8
80°-90°	209.2	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°	9755.9	100.0
0°-180°	9755.9	100.0



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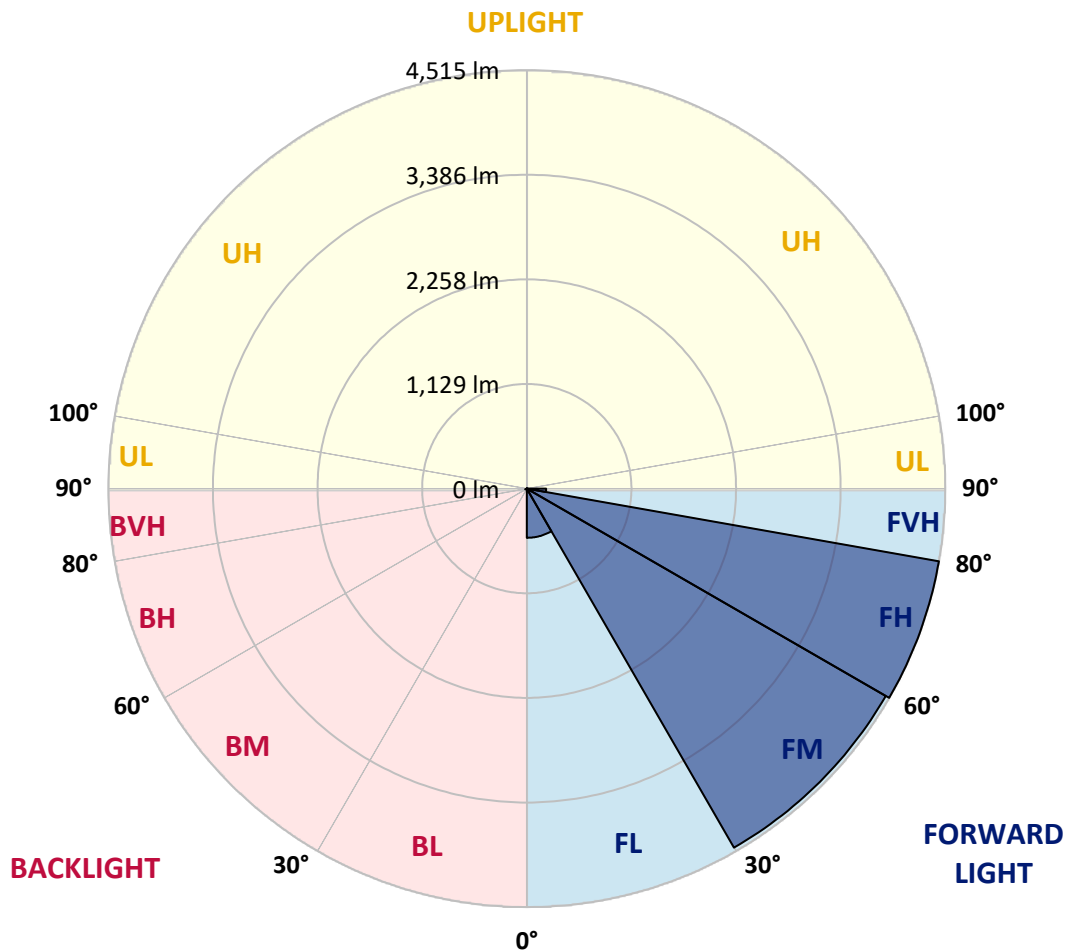
CATALOG NUMBER: NVN-SA3A-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	530.7	5.4			
FM	(30°-60°)	4472.2	45.8			
FH	(60°-80°)	4515.0	46.3			G2/5000
FVH	(80°-90°)	207.9	2.1			G2/225
BL	(0°-30°)	6.5	0.1	B0/110		
BM	(30°-60°)	5.8	0.1	B0/220		
BH	(60°-80°)	16.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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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CATALOG NUMBER: NVN-SA3A-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
2.5°	68.9	68.9	68.9	66.2	66.2	63.6	63.6	60.9	58.3	58.3	55.6
5°	129.8	132.4	124.5	108.6	98.0	92.7	87.4	74.2	66.2	60.9	55.6
7.5°	354.9	344.3	328.4	275.5	211.9	180.1	153.6	108.6	79.5	63.6	55.6
10°	746.9	717.8	672.8	601.3	476.8	426.4	331.1	198.7	111.2	71.5	55.6
12.5°	1096.6	1101.9	1046.2	977.4	826.4	741.6	611.8	373.5	174.8	84.8	55.6
15°	1361.4	1356.1	1334.9	1279.3	1144.2	1062.1	945.6	627.7	294.0	105.9	58.3
17.5°	1570.7	1549.5	1541.5	1517.7	1430.3	1385.3	1258.1	924.4	466.2	143.0	60.9
20°	1779.9	1774.6	1766.7	1740.2	1681.9	1650.1	1552.1	1223.7	694.0	203.9	66.2
22.5°	2084.5	2055.4	2060.7	2002.4	1954.7	1899.1	1819.7	1541.5	956.2	291.4	74.2
25°	2442.1	2439.4	2397.1	2370.6	2291.1	2230.2	2124.3	1848.8	1247.5	421.1	82.1
27.5°	2863.2	2834.1	2815.6	2770.5	2688.4	2619.6	2473.9	2153.4	1562.7	566.8	92.7
30°	3302.9	3302.9	3268.5	3199.6	3120.2	3035.4	2887.1	2473.9	1875.3	752.2	105.9
32.5°	3816.8	3827.4	3742.6	3639.3	3536.0	3477.7	3284.4	2836.7	2174.6	964.1	121.8
35°	4314.7	4301.5	4161.1	4047.2	3970.4	3906.8	3742.6	3234.1	2513.6	1210.5	143.0
37.5°	4791.5	4757.0	4524.0	4362.4	4328.0	4285.6	4121.4	3631.4	2850.0	1483.3	169.5
40°	5133.2	5080.2	4839.2	4616.7	4566.3	4542.5	4415.4	3991.6	3204.9	1787.9	203.9
42.5°	5281.5	5220.6	5053.7	4873.6	4762.3	4706.7	4595.5	4285.6	3559.8	2126.9	254.3
45°	5310.6	5262.9	5143.8	5101.4	4950.4	4865.6	4714.7	4494.8	3890.9	2463.3	323.1
47.5°	5204.7	5183.5	5112.0	5202.0	5125.2	5008.7	4825.9	4651.1	4184.9	2871.2	418.5
50°	4945.1	4929.2	4963.6	5199.4	5252.4	5119.9	4947.8	4772.9	4439.2	3292.3	553.6
52.5°	4595.5	4592.8	4754.4	5130.5	5308.0	5225.9	5066.9	4894.8	4640.5	3700.2	744.3
55°	4214.1	4259.1	4542.5	5066.9	5339.8	5302.7	5183.5	5003.4	4820.6	4079.0	1051.5
57.5°	4182.3	4163.7	4436.6	5040.5	5358.3	5379.5	5300.0	5117.3	4974.2	4388.9	1462.1
60°	4500.1	4457.7	4561.0	5096.1	5440.4	5477.5	5416.6	5204.7	5127.9	4632.6	2002.4
62.5°	4868.3	4828.6	4881.5	5310.6	5602.0	5655.0	5578.1	5294.7	5252.4	4802.1	2582.5
65°	5162.3	5130.5	5231.2	5631.1	5827.1	5872.1	5819.2	5461.6	5308.0	4939.8	3053.9
67.5°	5210.0	5170.2	5379.5	5845.7	6054.9	6086.7	6044.3	5623.2	5289.4	4950.4	3162.5
70°	5074.9	5040.5	5339.8	5914.5	6152.9	6179.4	6044.3	5546.4	5037.8	4680.2	2585.1
72.5°	4659.0	4685.5	5072.2	5747.7	6017.8	5896.0	5609.9	5159.7	4712.0	3967.7	1814.4
75°	4012.8	4041.9	4555.7	5289.4	5310.6	5162.3	5008.7	4746.5	4216.7	2614.3	1258.1
77.5°	2852.6	2749.3	3517.5	4367.7	4290.9	4386.2	4399.5	3949.2	3530.7	1361.4	842.3
80°	280.8	238.4	442.3	1252.8	2767.9	3093.7	3220.8	3043.3	2603.7	609.2	442.3
82.5°	60.9	60.9	66.2	71.5	111.2	166.9	765.5	1875.3	1681.9	309.9	143.0
85°	34.4	34.4	42.4	50.3	66.2	74.2	87.4	116.5	452.9	111.2	26.5
87.5°	26.5	29.1	34.4	42.4	55.6	60.9	74.2	92.7	113.9	103.3	7.9
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-SA3A-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
2.5°	55.6	53.0	50.3	47.7	45.0	45.0	42.4	42.4	42.4	42.4	42.4
5°	53.0	50.3	47.7	42.4	39.7	37.1	34.4	34.4	34.4	34.4	34.4
7.5°	53.0	50.3	45.0	39.7	34.4	31.8	29.1	26.5	26.5	29.1	29.1
10°	53.0	47.7	39.7	34.4	29.1	26.5	23.8	21.2	21.2	21.2	21.2
12.5°	50.3	45.0	37.1	31.8	26.5	21.2	15.9	13.2	13.2	13.2	13.2
15°	47.7	42.4	34.4	26.5	18.5	13.2	10.6	7.9	7.9	7.9	7.9
17.5°	47.7	39.7	31.8	23.8	13.2	7.9	5.3	2.6	2.6	2.6	5.3
20°	47.7	39.7	29.1	18.5	7.9	5.3	5.3	2.6	0.0	2.6	2.6
22.5°	47.7	37.1	23.8	13.2	7.9	5.3	2.6	0.0	0.0	0.0	0.0
25°	50.3	37.1	21.2	10.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0
27.5°	50.3	34.4	18.5	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	53.0	34.4	15.9	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	53.0	31.8	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	53.0	29.1	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	53.0	26.5	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	55.6	23.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	58.3	21.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	60.9	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	68.9	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	79.5	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	95.4	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	124.5	15.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	180.1	15.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	302.0	15.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	529.7	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	895.3	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1168.1	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	887.3	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	423.8	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	188.1	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	82.1	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.8	5.3	2.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0
82.5°	13.2	5.3	2.6	2.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0
85°	7.9	5.3	5.3	5.3	2.6	2.6	2.6	0.0	0.0	0.0	0.0
87.5°	5.3	5.3	5.3	5.3	5.3	2.6	2.6	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

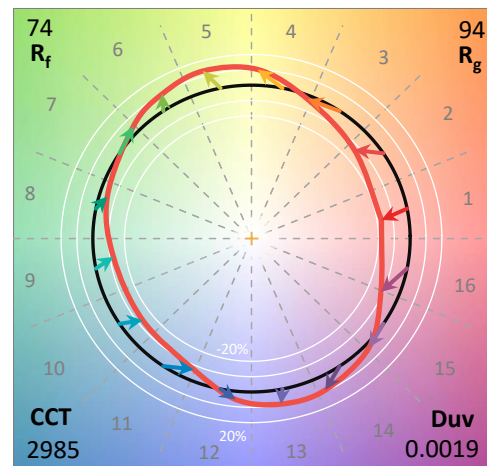
Test Information

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

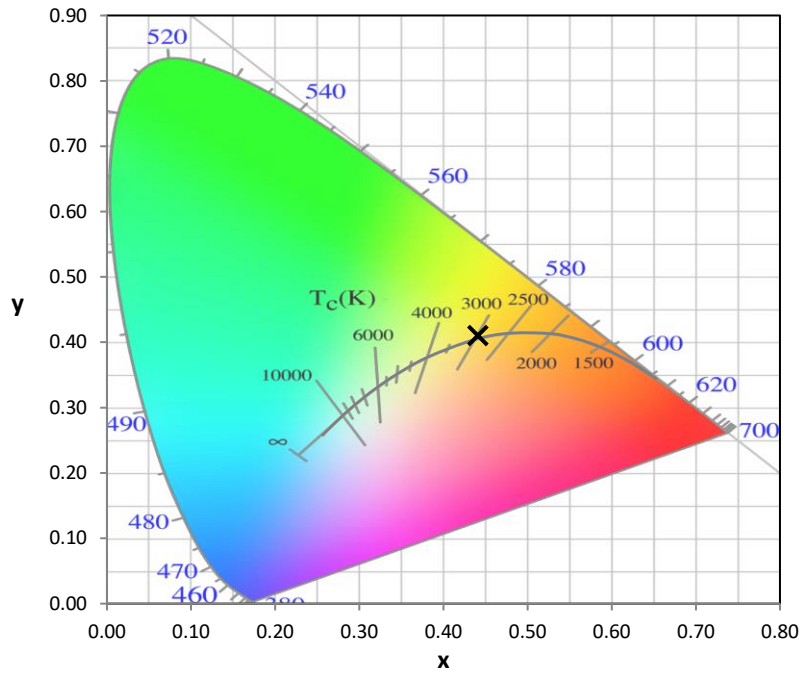
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

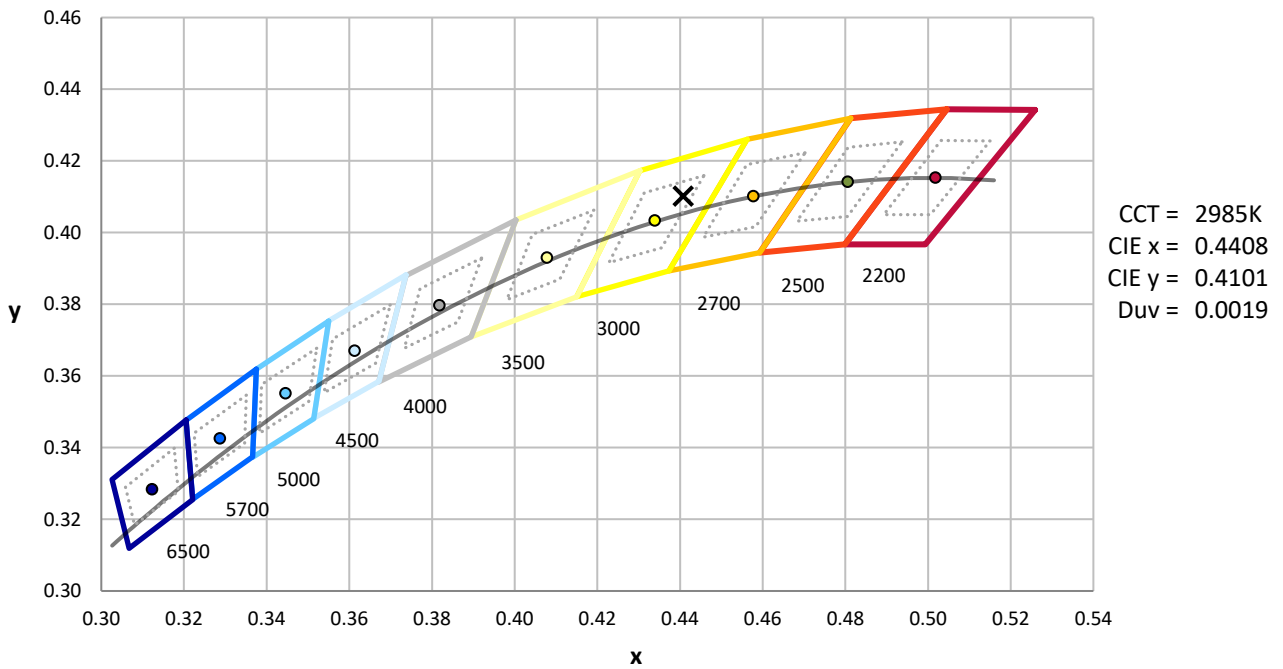
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



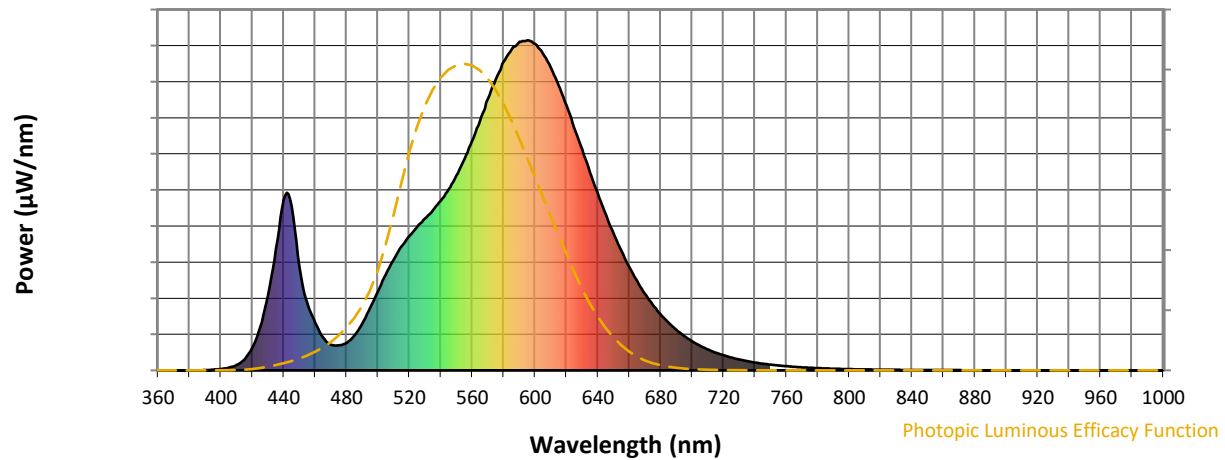
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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

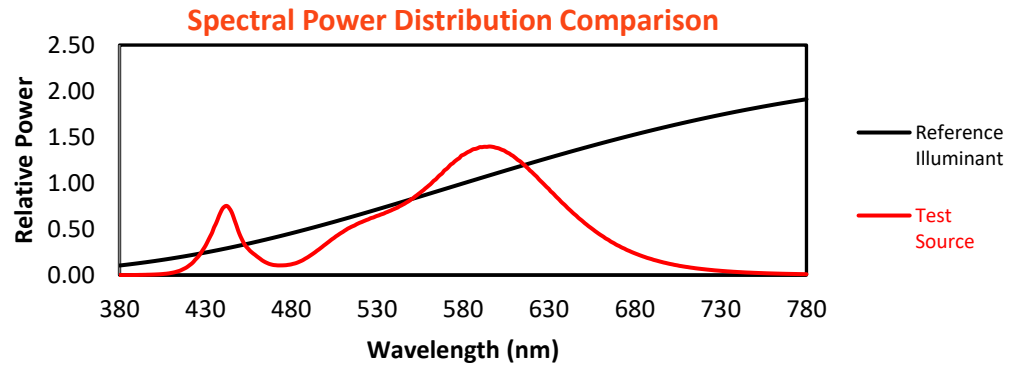
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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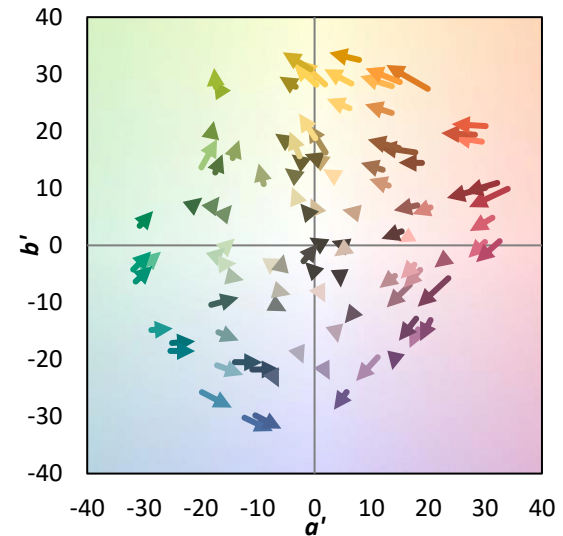
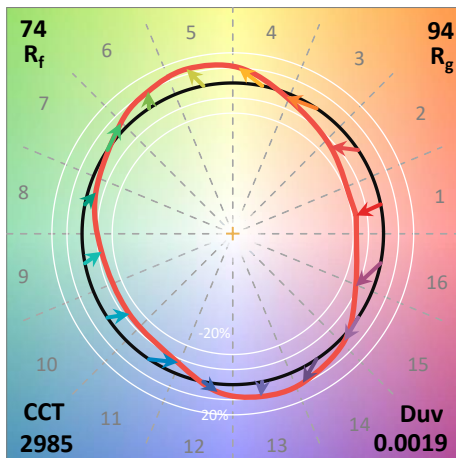
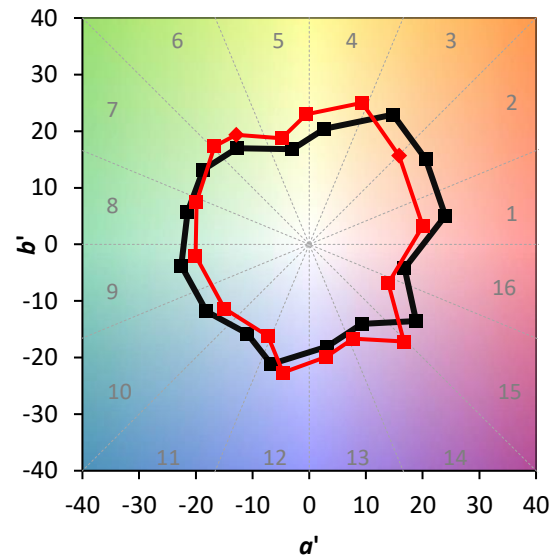
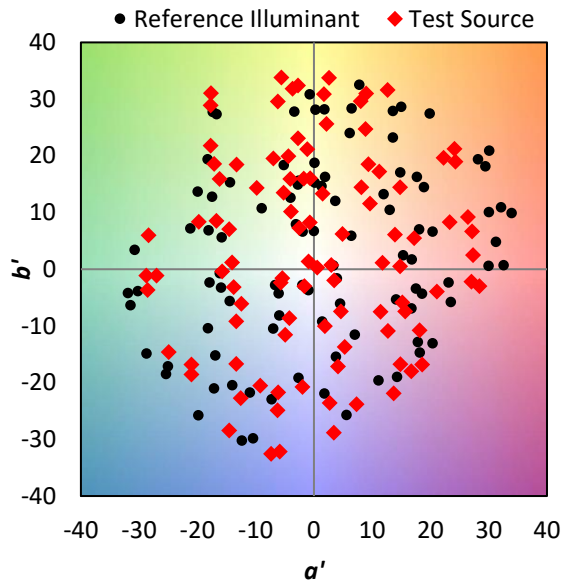
TM-30-18

Summary

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

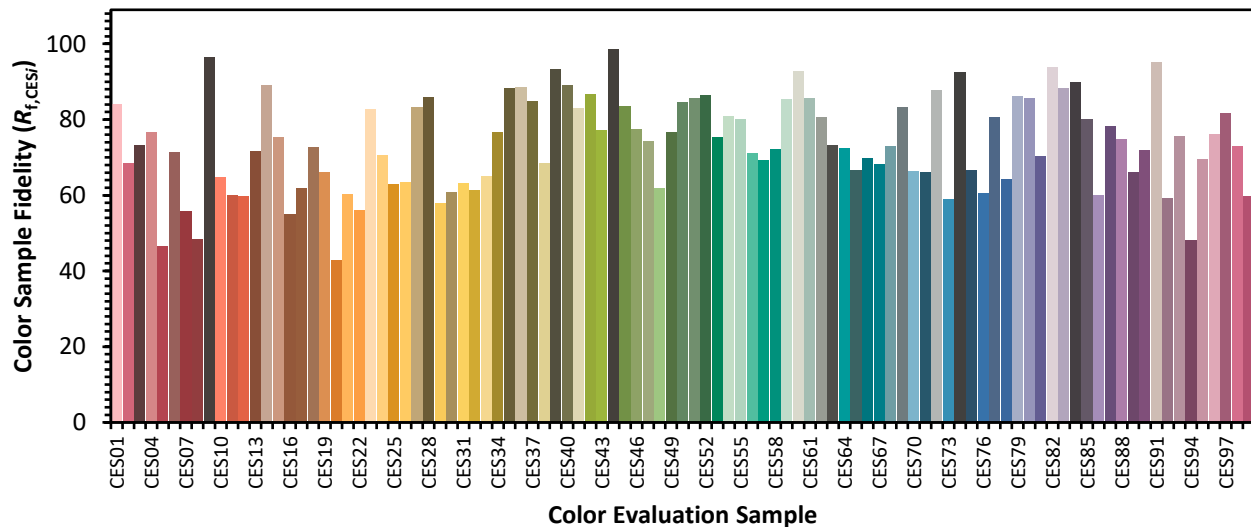


Color Vector Graphics

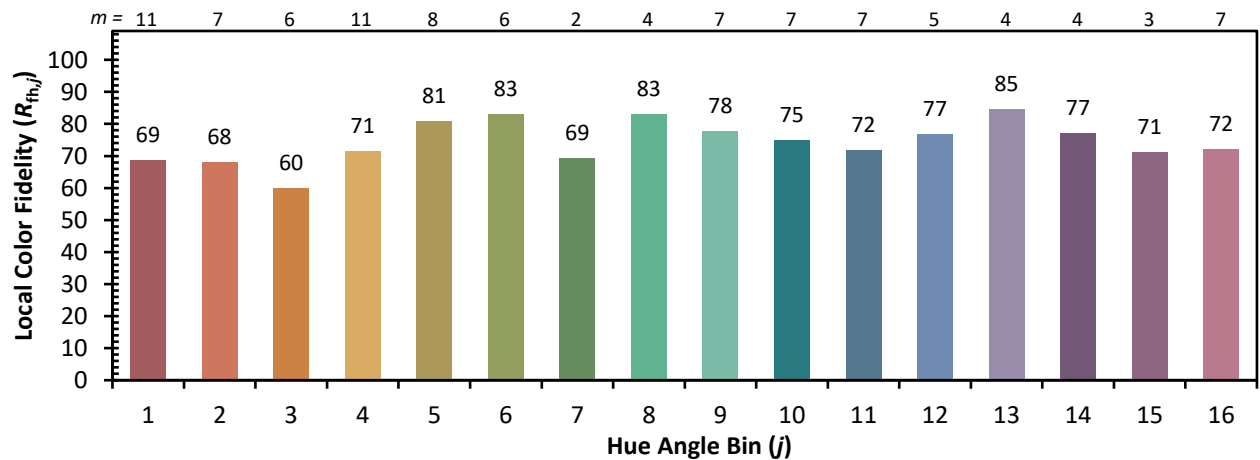
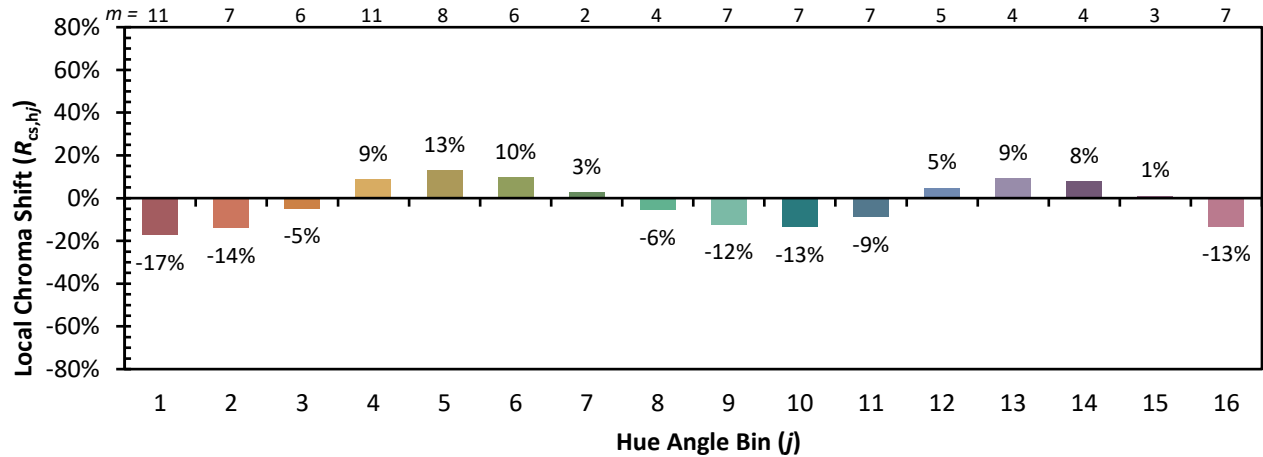


Individual Sample Fidelity Index ($R_{f,i}$)

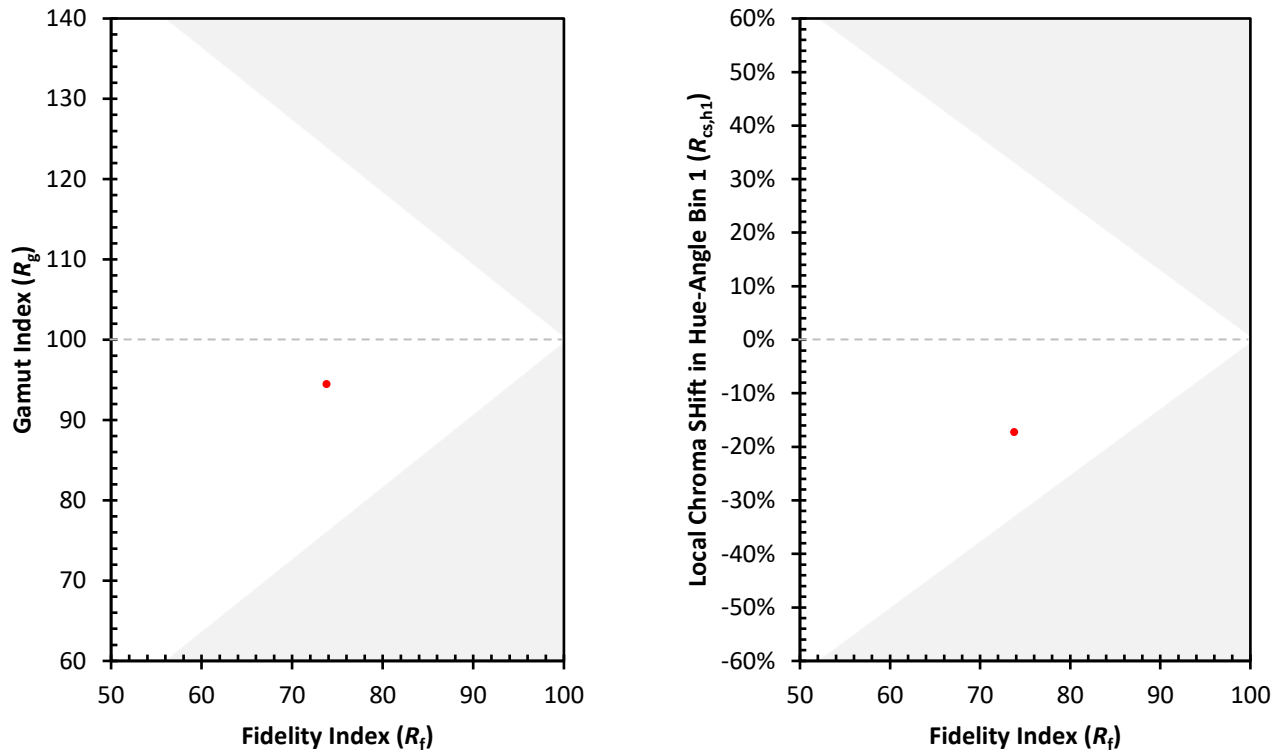
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)