

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: LUMARK

Report Number: P1067004

Luminaire Tested: **NAV-SA6D-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067004
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6D-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34761.1 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 320.4
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

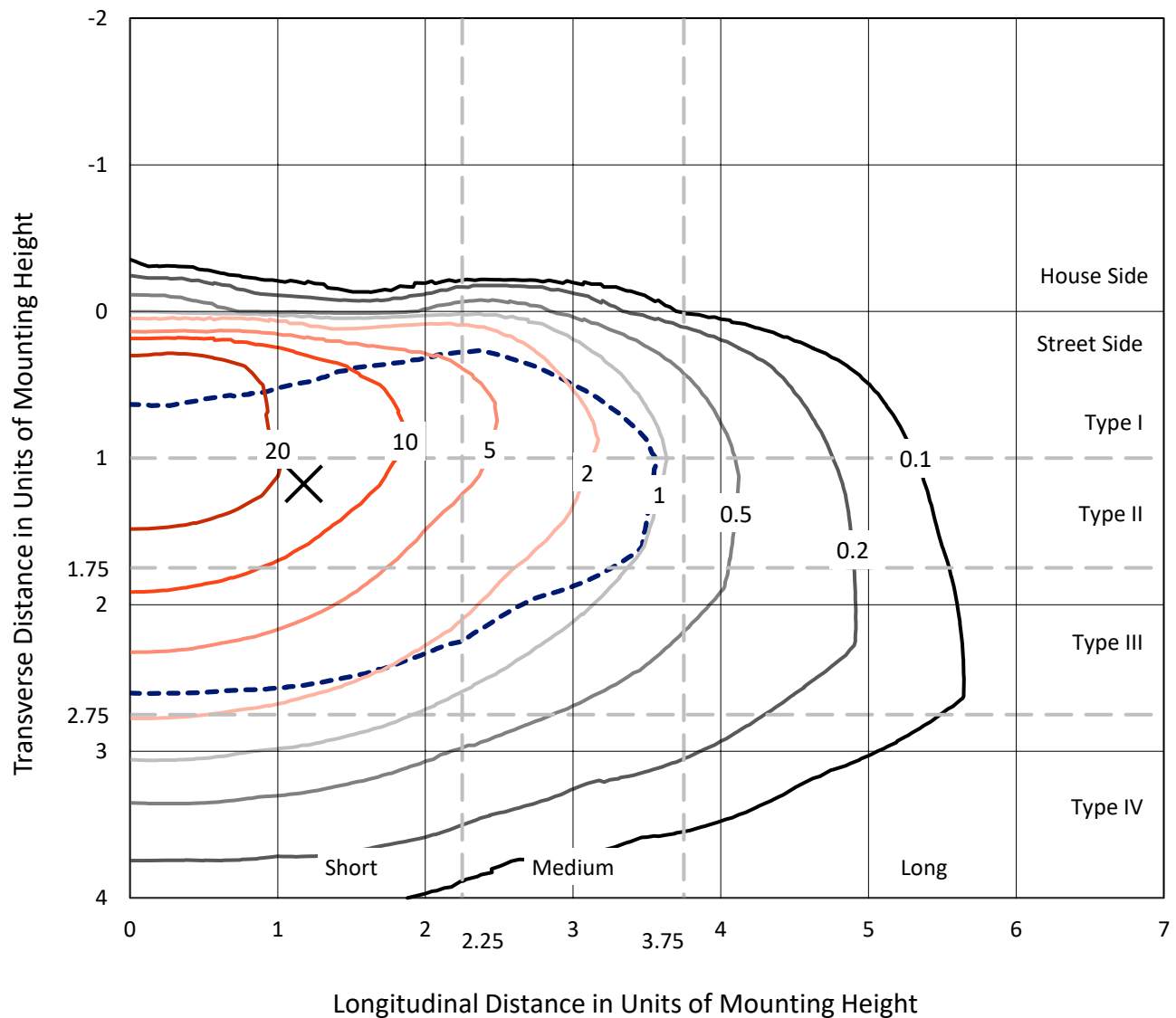


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

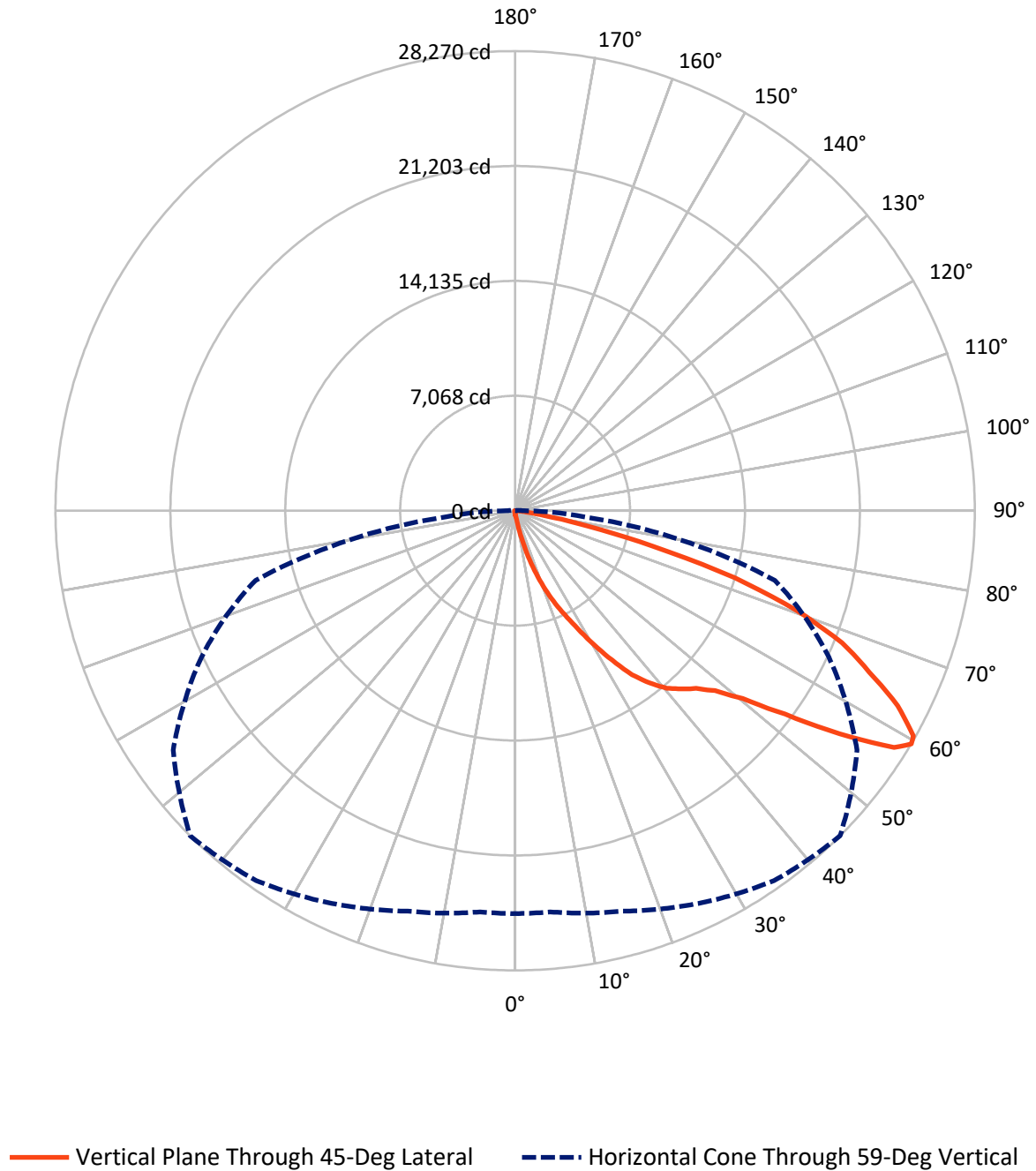


Based on 15 foot mounting height. Maximum calculated value = 37.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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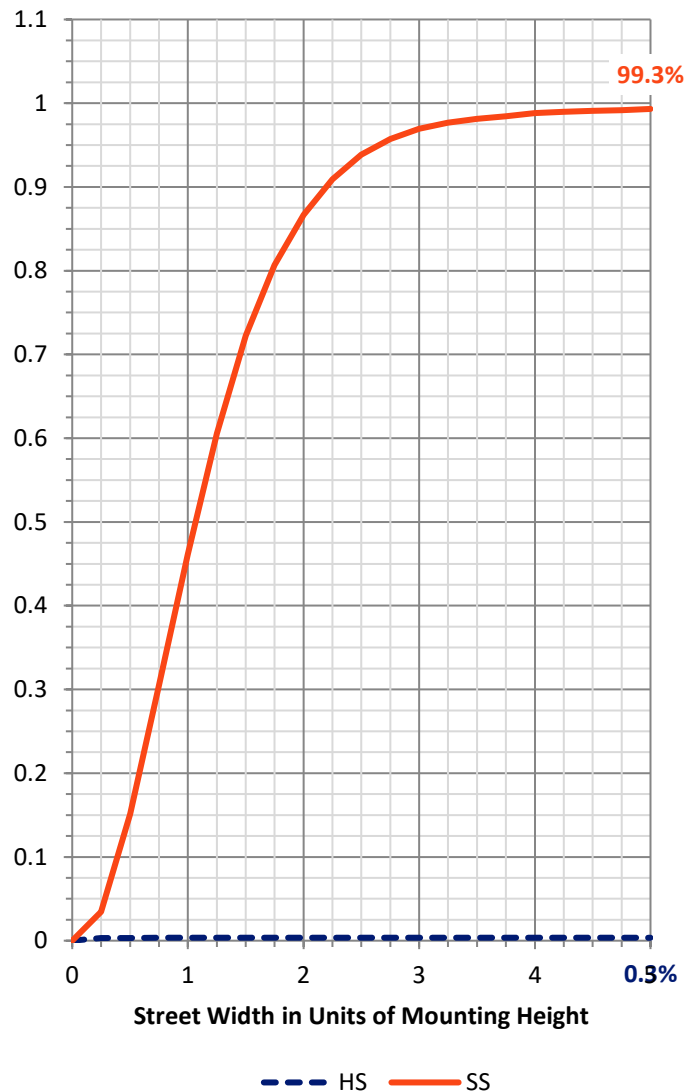
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	123.4	0.0	123.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	34637.7	0.0	34637.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	34761.1	0.0	34761.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.3	0.1
10°-20°	384.2	1.1
20°-30°	1380.5	4.0
30°-40°	3207.9	9.2
40°-50°	5467.8	15.7
50°-60°	9009.4	25.9
60°-70°	10416.8	30.0
70°-80°	4475.4	12.9
80°-90°	386.7	1.1
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°	34761.1	100.0
0°-180°	34761.1	100.0



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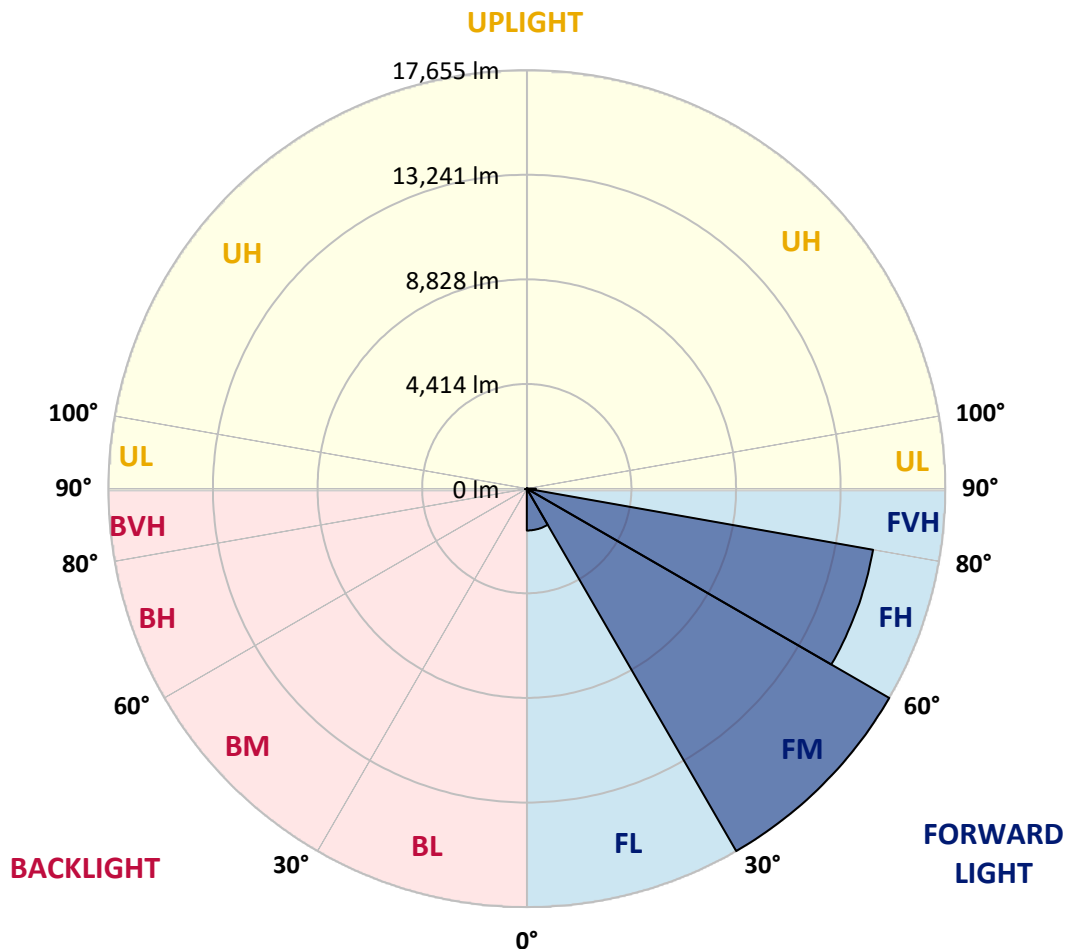
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1766.6	5.1			
FM	(30°-60°)	17655.2	50.8			
FH	(60°-80°)	14834.2	42.7			G5
FVH	(80°-90°)	381.7	1.1			G3/500
BL	(0°-30°)	30.5	0.1	B0/110		
BM	(30°-60°)	29.9	0.1	B0/220		
BH	(60°-80°)	58.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.0	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-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7
2.5°	285.2	285.2	278.1	268.8	266.5	259.4	259.4	252.4	243.1	236.1	226.7
5°	413.7	411.4	392.7	369.3	338.9	320.2	320.2	294.5	271.1	250.1	231.4
7.5°	904.6	883.5	815.7	703.5	556.3	458.1	451.1	367.0	310.9	268.8	233.7
10°	2075.6	2003.1	1907.3	1638.5	1210.7	846.1	829.8	535.3	371.6	289.8	238.4
12.5°	3400.8	3459.3	3267.6	2844.6	2344.4	1743.7	1626.8	902.2	490.8	317.9	243.1
15°	4606.9	4592.9	4485.4	4139.4	3562.1	2762.7	2690.3	1568.4	703.5	362.3	247.8
17.5°	5509.1	5492.8	5389.9	5167.9	4723.8	3924.4	3861.3	2501.0	1103.2	425.4	252.4
20°	6460.4	6439.4	6294.5	6116.8	5728.8	5048.7	4973.9	3543.4	1727.3	528.2	252.4
22.5°	7601.1	7561.3	7407.1	7105.5	6696.5	6105.2	6037.4	4609.2	2501.0	696.5	264.1
25°	8980.1	8912.3	8699.6	8428.5	7935.3	7149.9	7077.5	5796.6	3433.6	951.3	275.8
27.5°	10553.1	10564.8	10277.3	9819.2	9157.7	8356.0	8220.4	6860.1	4398.9	1315.9	289.8
30°	12420.7	12303.8	11899.4	11366.5	10723.7	9702.3	9571.4	7918.9	5483.4	1853.5	313.2
32.5°	14169.0	14042.8	13498.2	12827.4	12137.8	11060.3	10952.8	9108.6	6469.8	2489.3	355.3
35°	15669.6	15580.8	14818.8	14000.7	13388.3	12425.3	12392.6	10436.3	7629.1	3174.1	402.0
37.5°	16990.2	16828.9	15849.6	15001.1	14379.4	13516.9	13446.8	11651.7	8746.4	3968.8	472.1
40°	18116.8	18028.0	16833.6	15718.7	15213.8	14442.5	14353.6	12717.5	9901.0	4892.1	558.6
42.5°	19322.8	19206.0	18046.7	16796.2	15865.9	15040.8	14982.4	13596.3	10929.4	5906.5	687.2
45°	20685.5	20468.1	19451.4	18329.5	16915.4	15660.2	15594.8	14379.4	11983.6	6995.7	843.8
47.5°	22141.7	21952.4	21129.6	20341.9	18715.1	16681.6	16541.4	15045.5	13030.7	8253.2	1042.5
50°	23623.6	23628.2	23011.2	22632.5	20914.6	18341.2	18142.5	16024.9	14131.6	9599.5	1337.0
52.5°	25348.5	25392.9	25383.6	25103.1	23770.8	21054.8	20788.4	17511.4	15410.1	11170.2	1743.7
55°	26070.8	26150.2	26666.8	27288.5	26926.2	24495.4	24210.2	20075.5	17104.7	12920.9	2346.7
57.5°	25479.4	25568.2	26281.1	27370.3	28202.4	27508.2	27475.5	23413.2	19336.9	15043.2	3333.1
59°	24775.9	24764.2	25495.8	26650.4	27772.4	28223.5	28270.2	25671.1	21281.5	16532.1	4183.9
60°	24308.4	24317.8	24803.9	25989.0	27181.0	27964.0	28146.3	27001.0	22417.5	17602.6	4913.1
62.5°	22504.0	22611.5	22997.2	24098.0	25229.3	26103.5	26414.4	28186.1	25668.7	20131.6	7449.1
65°	20542.9	20550.0	21099.2	22041.2	23125.7	23740.4	23936.8	26341.9	27840.1	22707.3	10775.2
67.5°	17043.9	17186.5	17810.6	19336.9	20769.7	21548.0	21697.6	22929.4	26940.3	24385.5	12441.7
70°	11927.5	12114.5	13005.0	14984.7	17118.7	18397.3	18387.9	19061.1	23710.0	23637.6	10548.4
72.5°	5955.6	6278.1	7005.0	9125.0	11710.1	13717.9	14141.0	15333.0	19047.0	19633.7	7869.8
75°	2631.9	2650.6	3064.3	4132.4	5820.0	8370.0	8748.7	12170.6	14613.1	13645.4	5684.4
77.5°	1531.0	1545.0	1619.8	1855.9	2358.4	4102.0	4527.4	7982.0	10326.4	7930.6	3707.0
80°	556.3	570.3	568.0	703.5	1033.1	1615.1	1799.8	3868.3	6888.2	4176.8	1942.3
82.5°	341.3	341.3	329.6	331.9	376.3	619.4	677.8	1647.8	3354.1	2056.9	556.3
85°	168.3	177.6	189.3	212.7	252.4	306.2	324.9	472.1	1128.9	497.9	133.2
87.5°	100.5	102.8	112.2	135.6	168.3	219.7	233.7	320.2	404.4	334.2	32.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7	219.7
2.5°	222.0	219.7	208.0	198.7	189.3	180.0	173.0	166.0	166.0	168.3	166.0
5°	222.0	212.7	194.0	177.6	163.6	151.9	140.2	130.9	128.6	128.6	130.9
7.5°	219.7	208.0	182.3	161.3	142.6	126.2	114.5	102.8	100.5	102.8	100.5
10°	217.4	203.3	173.0	147.3	121.5	105.2	88.8	77.1	77.1	77.1	79.5
12.5°	217.4	196.3	163.6	133.2	105.2	86.5	70.1	58.4	56.1	56.1	56.1
15°	215.0	191.7	154.3	116.9	88.8	65.4	51.4	39.7	39.7	39.7	39.7
17.5°	210.4	184.7	142.6	102.8	70.1	49.1	35.1	23.4	23.4	28.0	28.0
20°	205.7	177.6	128.6	84.1	58.4	37.4	23.4	14.0	14.0	21.0	23.4
22.5°	208.0	177.6	119.2	74.8	46.7	28.0	18.7	11.7	9.3	16.4	21.0
25°	210.4	173.0	107.5	65.4	35.1	21.0	14.0	4.7	2.3	4.7	7.0
27.5°	210.4	168.3	93.5	51.4	25.7	16.4	7.0	0.0	0.0	0.0	0.0
30°	208.0	161.3	81.8	42.1	18.7	9.3	2.3	0.0	0.0	0.0	0.0
32.5°	205.7	154.3	74.8	32.7	16.4	4.7	0.0	0.0	0.0	0.0	0.0
35°	208.0	144.9	65.4	25.7	9.3	0.0	0.0	0.0	0.0	0.0	4.7
37.5°	215.0	135.6	56.1	21.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	224.4	128.6	46.7	16.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	243.1	128.6	42.1	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	266.5	128.6	35.1	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	296.8	130.9	30.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	334.2	135.6	28.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	362.3	130.9	25.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	411.4	126.2	23.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	476.8	119.2	23.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	542.3	109.9	23.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	617.1	105.2	21.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1019.1	93.5	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1968.0	88.8	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3181.1	88.8	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3344.7	88.8	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2225.2	72.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1192.0	65.4	7.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	642.8	60.8	9.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	282.8	44.4	11.7	7.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	112.2	30.4	14.0	11.7	9.3	4.7	0.0	0.0	0.0	0.0	0.0
85°	53.8	23.4	18.7	16.4	11.7	7.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.7	23.4	21.0	18.7	16.4	11.7	2.3	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

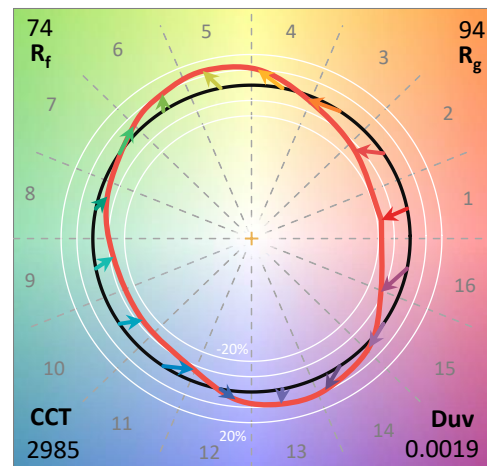
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

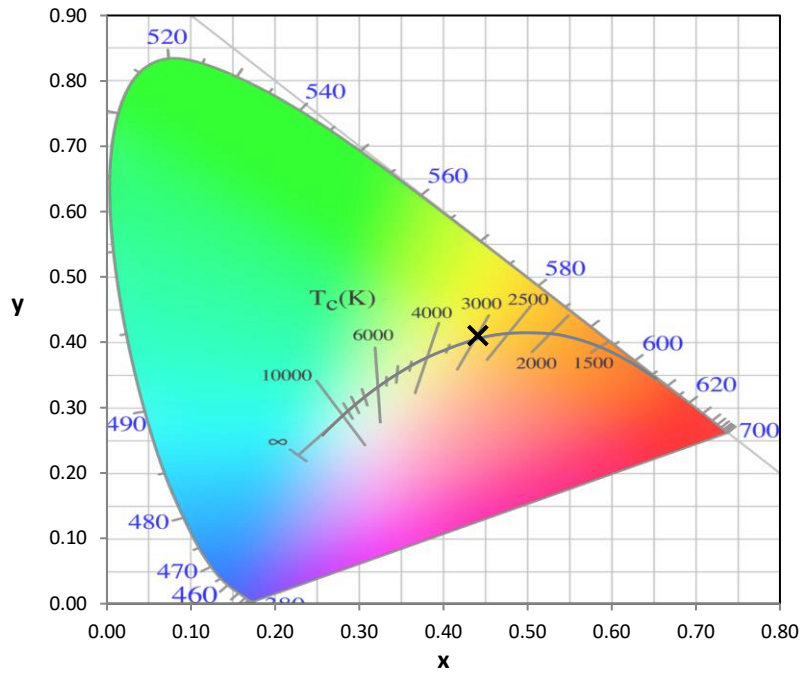
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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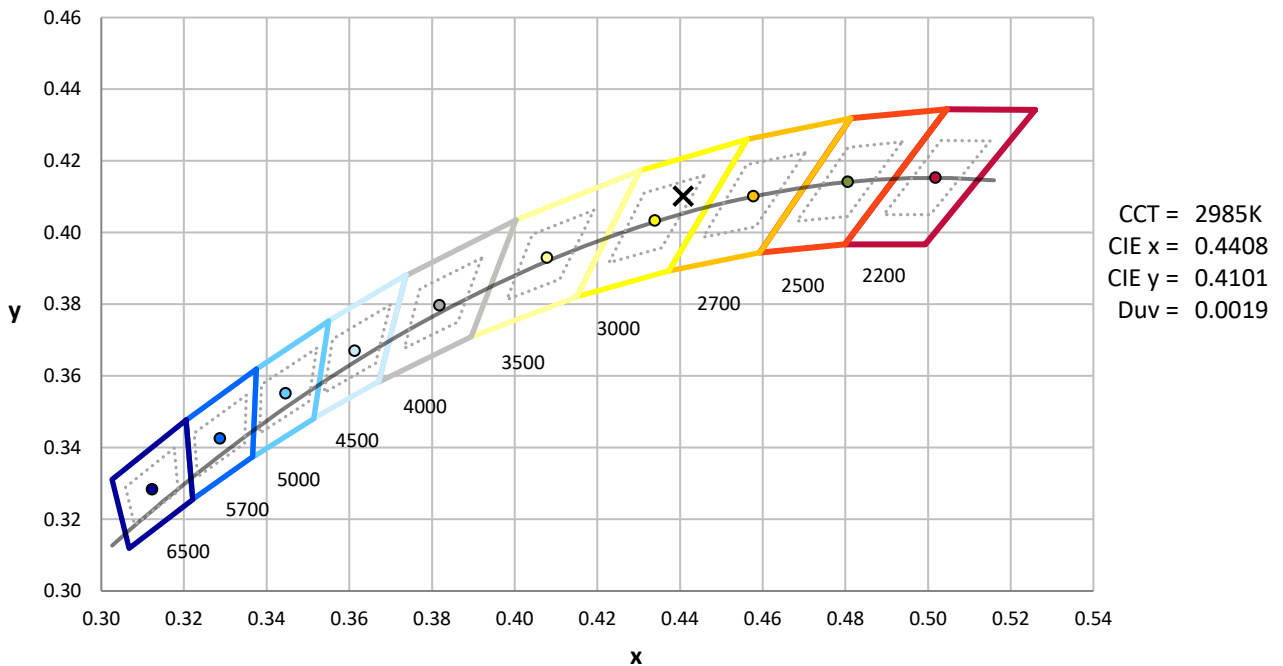
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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Scotopic Flux vs. Wavelength



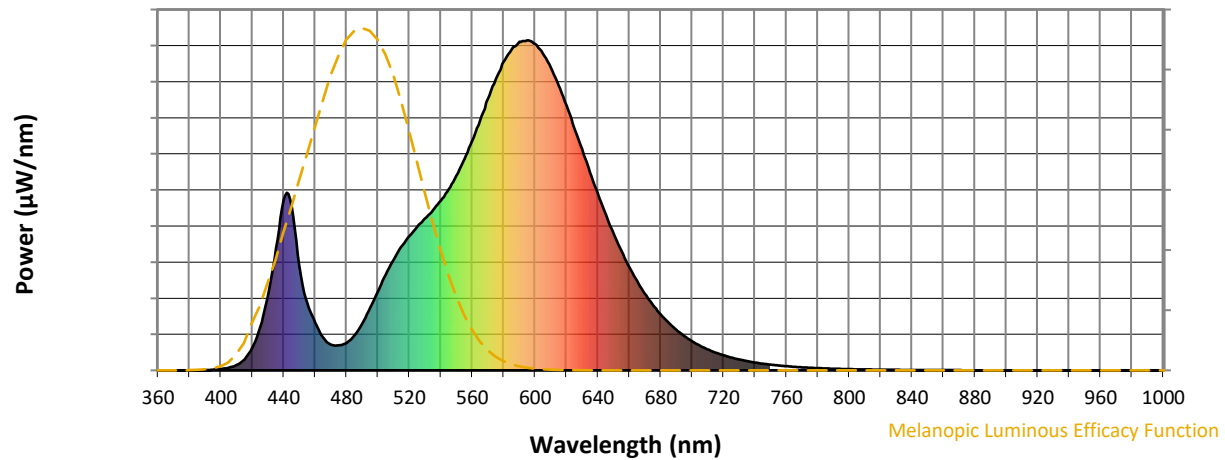
Scotopic Lumens: NR

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

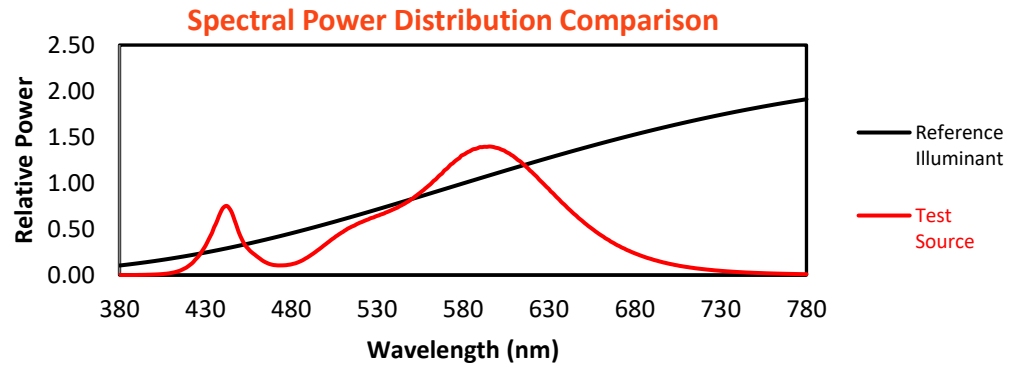
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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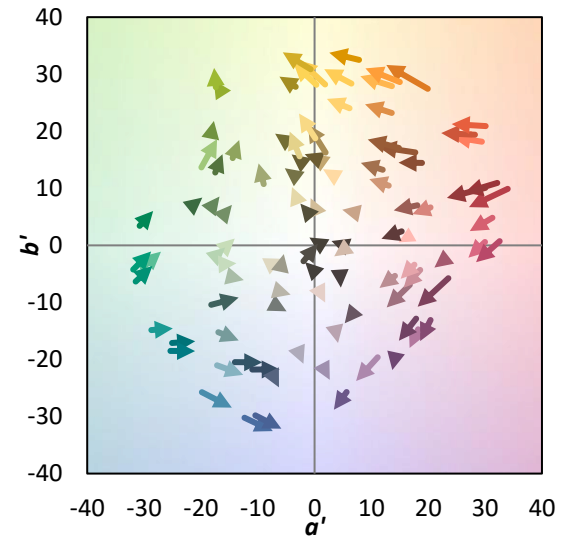
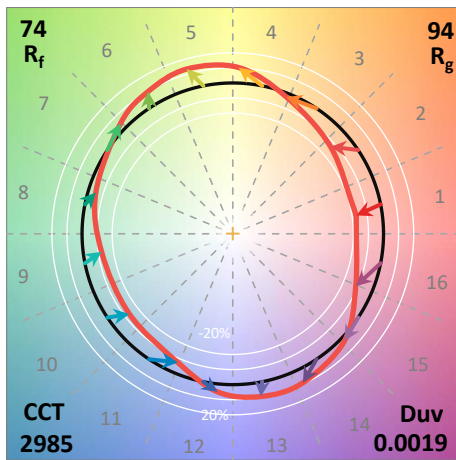
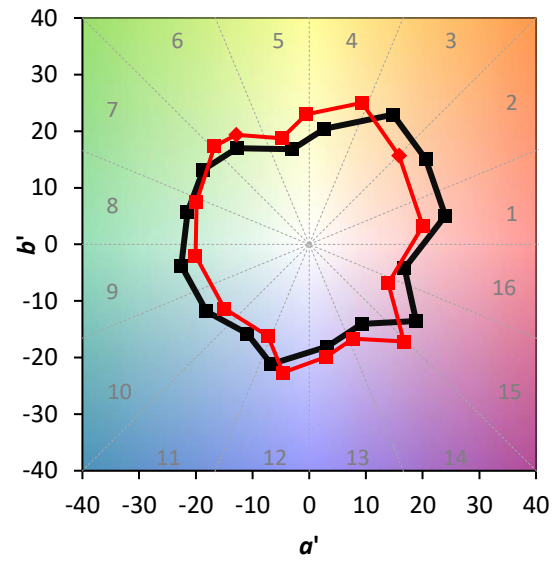
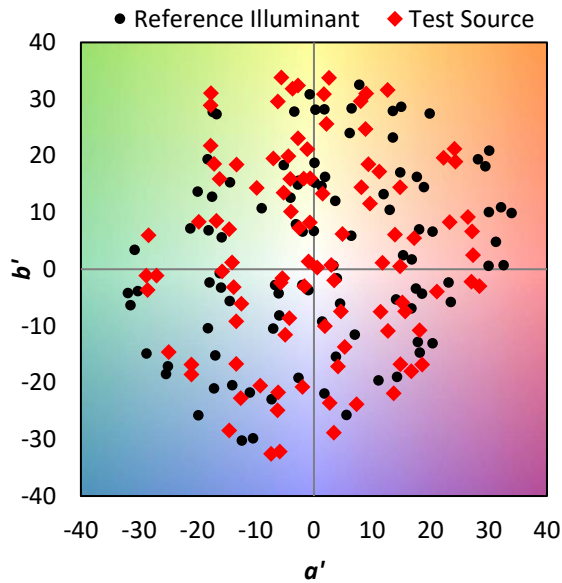
TM-30-18

Summary

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

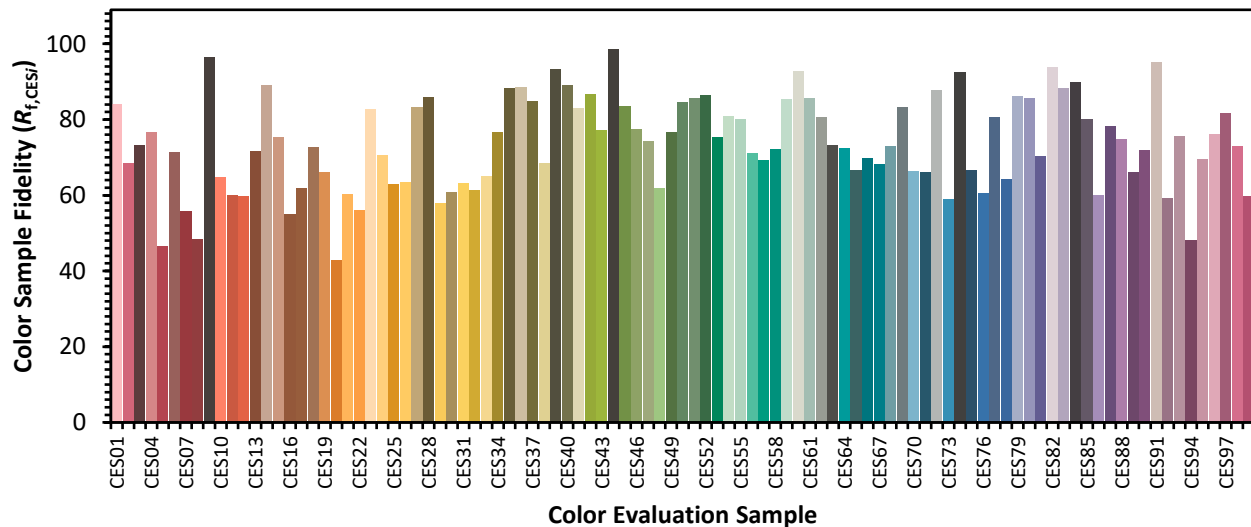


Color Vector Graphics

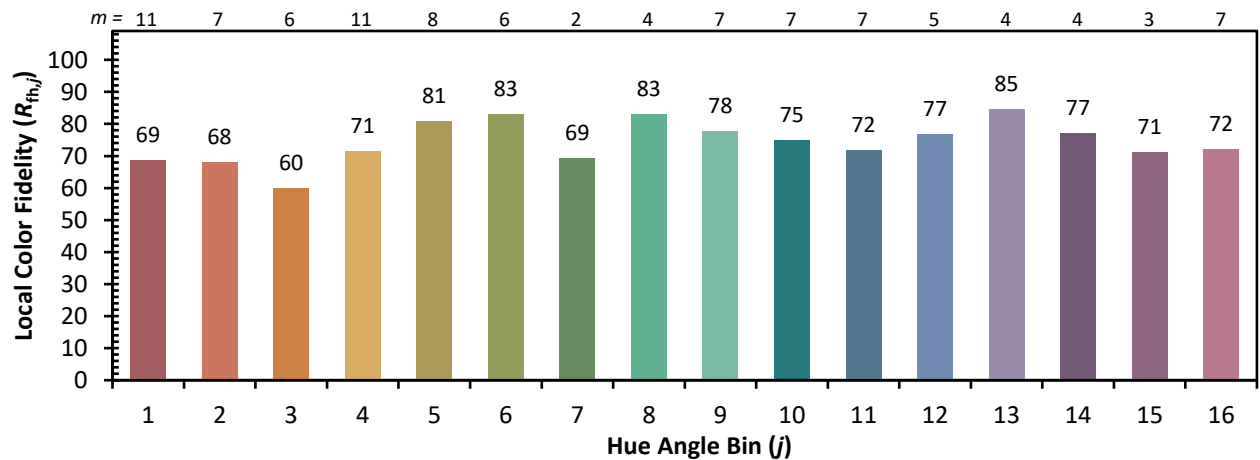
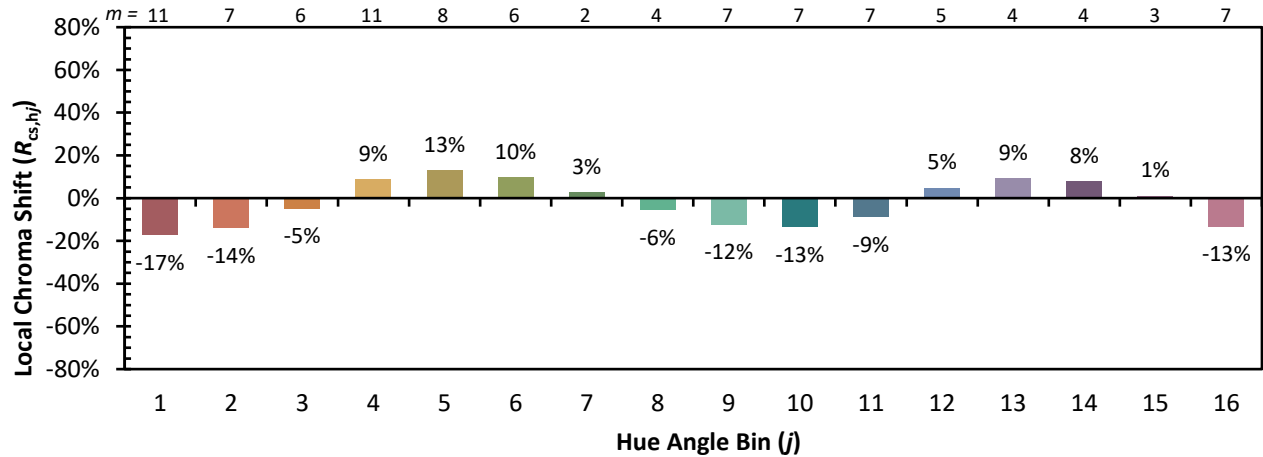


Individual Sample Fidelity Index ($R_{f,i}$)

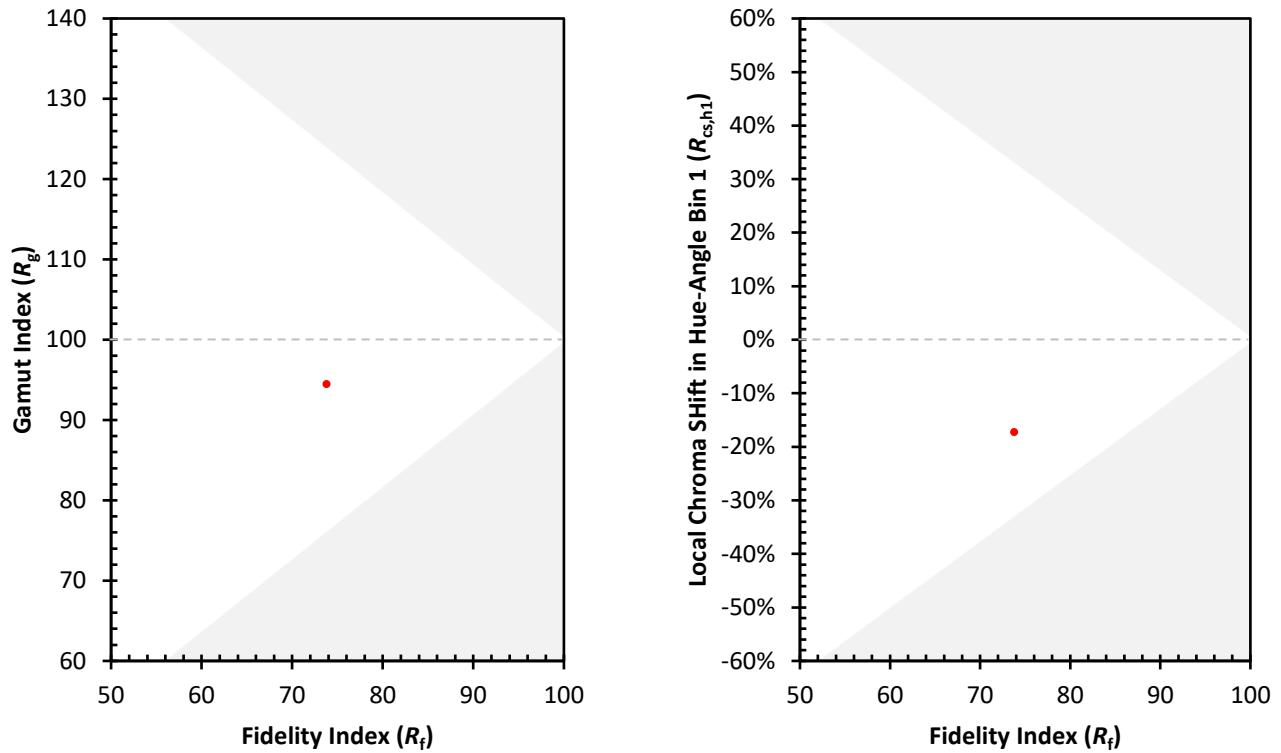
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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