

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: P1067197

Luminaire Tested: **NAV-SA1A-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067197
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3038.2 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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



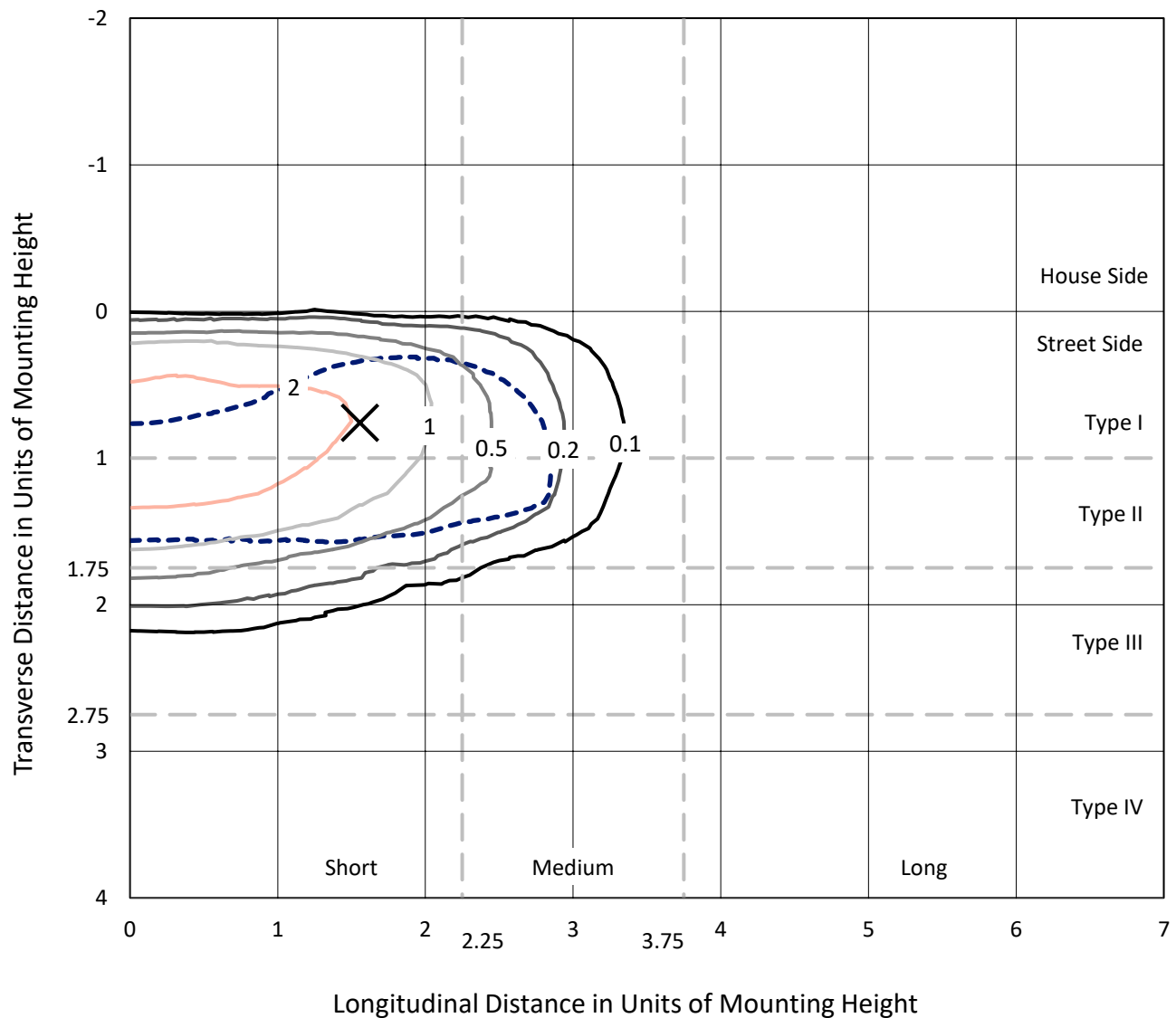
REPORT NUMBER: P1067197

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

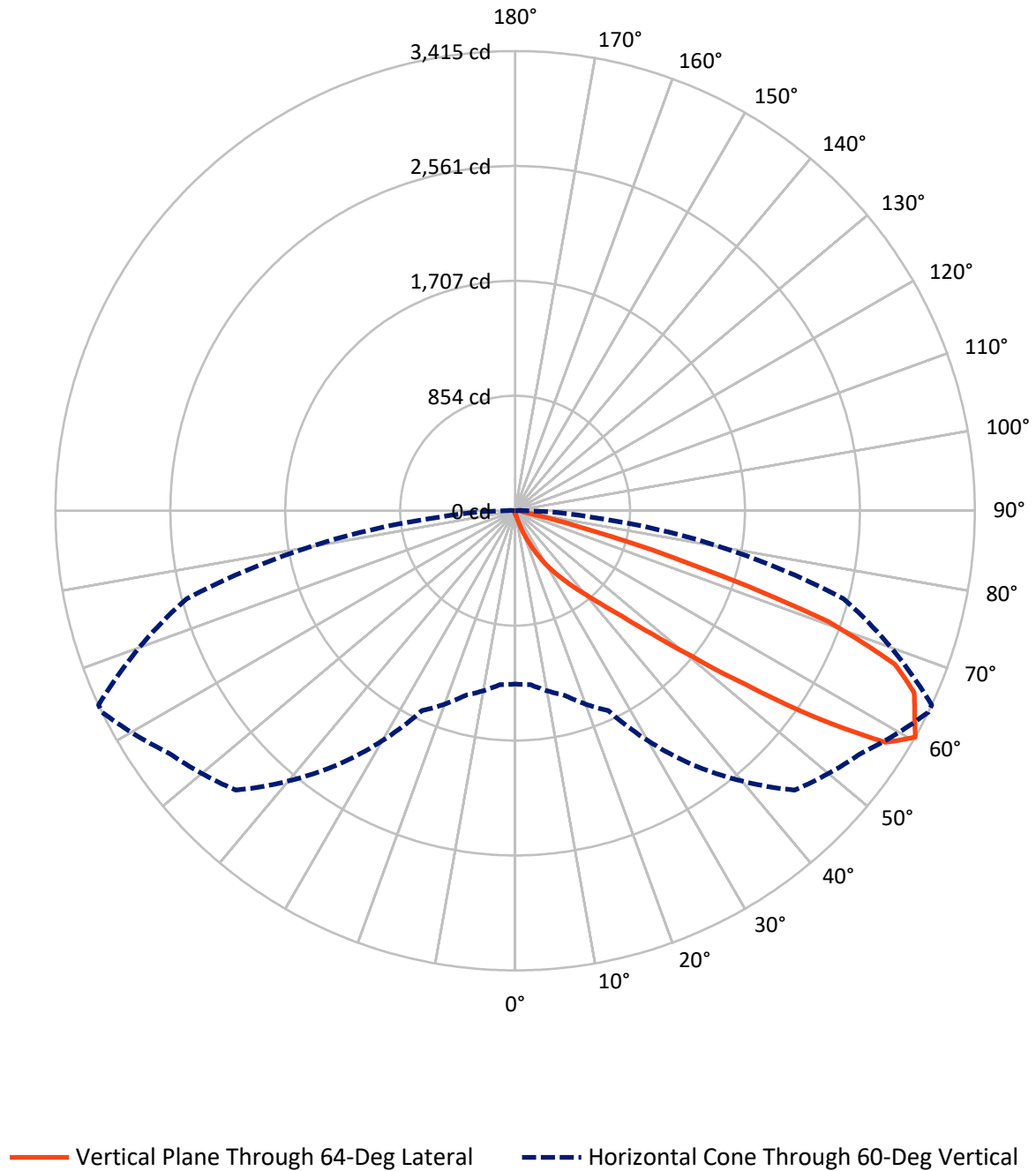


Based on 15 foot mounting height. Maximum calculated value = 4.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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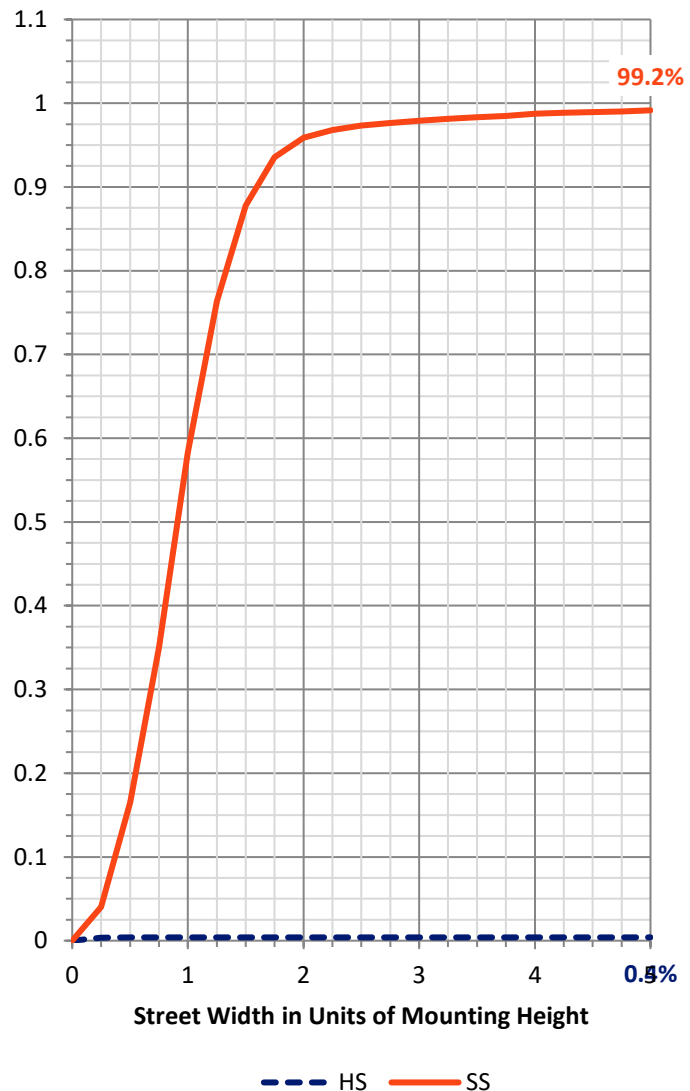
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.3	0.0	12.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3025.9	0.0	3025.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	3038.2	0.0	3038.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.1
10°-20°	29.9	1.0
20°-30°	99.2	3.3
30°-40°	264.6	8.7
40°-50°	672.5	22.1
50°-60°	980.4	32.3
60°-70°	757.2	24.9
70°-80°	207.9	6.8
80°-90°	23.5	0.8
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°	3038.2	100.0
0°-180°	3038.2	100.0



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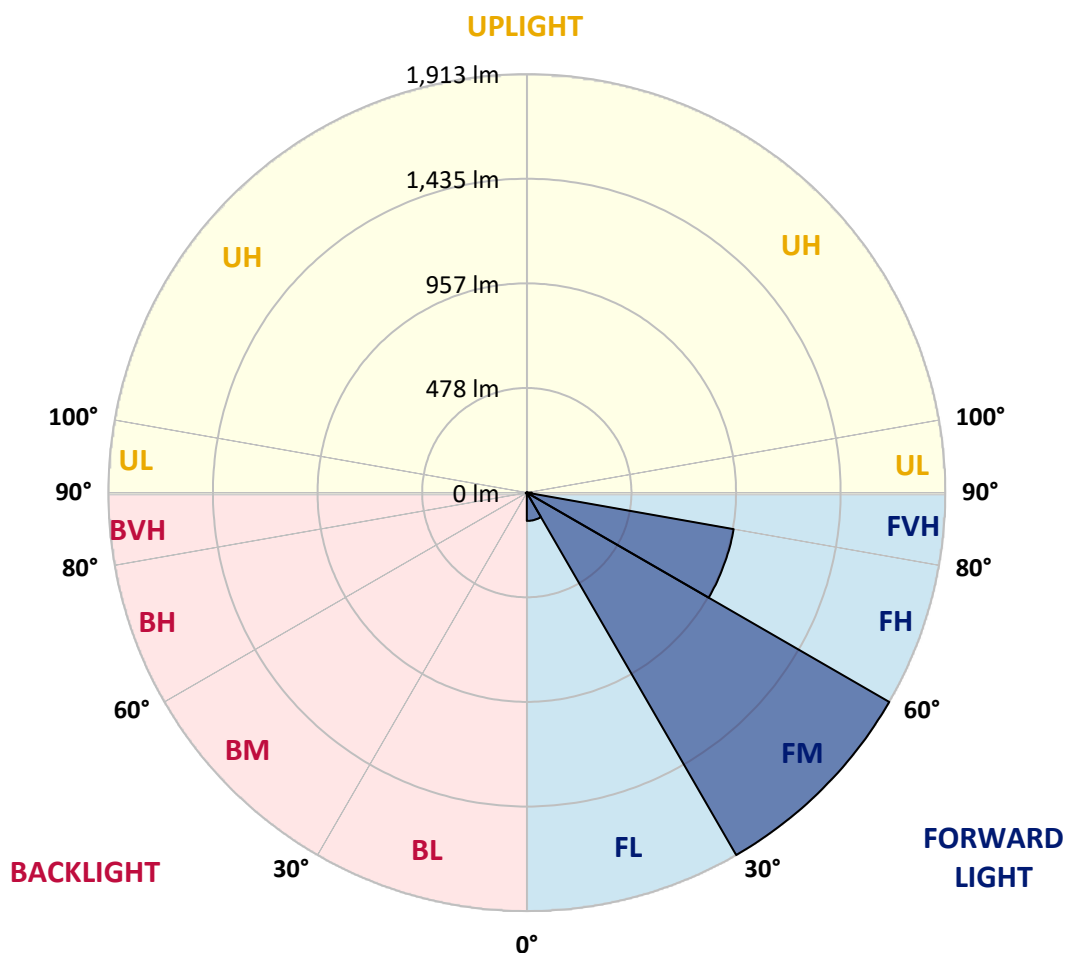
CATALOG NUMBER: NAV-SA1A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	129.3	4.3			
FM	(30°-60°)	1913.4	63.0			
FH	(60°-80°)	960.3	31.6			G1/1800
FVH	(80°-90°)	22.9	0.8			G1/100
BL	(0°-30°)	2.8	0.1	B0/110		
BM	(30°-60°)	4.1	0.1	B0/220		
BH	(60°-80°)	4.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type II Short



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CATALOG NUMBER: NAV-SA1A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
2.5°	26.8	26.8	26.8	25.9	25.1	25.1	24.3	23.4	23.4	21.7	20.9
5°	41.0	41.0	39.3	37.6	35.1	31.8	28.4	25.9	25.9	23.4	21.7
7.5°	80.3	82.8	75.3	66.1	53.5	45.2	36.0	30.1	29.3	25.1	21.7
10°	174.0	172.3	160.6	138.0	108.7	78.6	50.2	36.8	35.1	26.8	21.7
12.5°	261.8	264.3	251.7	226.6	191.5	139.7	86.1	47.7	46.0	29.3	21.7
15°	337.0	337.0	328.7	316.1	277.7	223.3	138.8	71.1	65.2	31.8	20.9
17.5°	388.9	388.0	384.7	381.4	358.8	302.7	212.4	113.7	100.4	37.6	20.9
20°	447.4	444.9	449.1	442.4	424.8	380.5	290.2	168.9	156.4	47.7	20.9
22.5°	508.5	511.0	514.3	507.6	488.4	449.9	372.2	240.0	226.6	66.1	21.7
25°	586.2	584.6	592.1	586.2	562.0	516.8	449.1	317.8	298.6	92.0	23.4
27.5°	681.6	678.2	683.3	668.2	636.4	590.4	517.7	397.2	374.7	132.1	26.8
30°	807.9	810.4	787.8	770.2	725.1	664.0	593.8	482.5	459.1	179.8	30.1
32.5°	1006.9	989.3	954.2	883.1	823.8	746.0	669.9	557.0	536.1	240.9	35.1
35°	1317.2	1320.5	1243.6	1068.0	939.2	848.8	753.5	638.9	623.9	310.3	41.8
37.5°	1695.2	1686.0	1618.2	1396.6	1108.1	976.8	848.8	728.4	706.7	385.5	50.2
40°	2123.4	2084.9	2045.6	1895.1	1460.2	1137.4	969.3	832.1	815.4	472.5	63.6
42.5°	2466.3	2456.2	2462.9	2400.2	2047.3	1410.8	1129.0	959.2	939.2	580.4	87.0
45°	2635.2	2621.0	2661.1	2708.0	2617.6	1992.9	1386.6	1121.5	1094.7	707.5	122.9
47.5°	2590.0	2580.0	2666.1	2758.1	2878.6	2667.8	1807.3	1364.0	1318.0	870.6	176.5
50°	2367.6	2368.4	2509.7	2681.2	2871.9	3009.9	2430.3	1696.0	1638.3	1087.2	260.1
52.5°	2151.0	2157.7	2307.4	2557.4	2772.3	3050.0	2977.2	2143.4	2049.8	1342.3	358.8
55°	1928.5	1931.9	2064.0	2416.1	2725.5	2930.4	3258.2	2719.7	2620.1	1660.1	454.9
57.5°	1714.4	1714.4	1763.8	2076.5	2674.5	2919.5	3224.8	3246.5	3165.4	2023.0	526.0
60°	1287.9	1296.3	1419.2	1638.3	2306.5	2935.4	3139.5	3414.6	3414.6	2526.5	580.4
62.5°	650.6	663.2	816.2	1029.5	1582.3	2716.3	3152.9	3330.2	3343.5	2970.6	704.2
65°	305.3	319.5	401.4	552.0	851.4	1911.8	3014.0	3258.2	3254.1	2886.1	965.1
67.5°	219.1	223.3	250.9	322.0	458.3	838.0	2300.7	3043.3	3045.0	2452.0	1109.8
70°	196.5	196.5	203.2	224.1	276.0	374.7	1118.1	2464.6	2584.2	1893.4	1028.7
72.5°	194.0	192.3	190.7	191.5	186.5	188.2	383.9	1391.6	1562.2	1324.7	820.4
75°	189.0	189.0	187.3	181.5	148.9	121.3	132.1	562.8	650.6	884.8	608.8
77.5°	149.7	164.8	182.3	171.4	136.3	91.2	76.9	163.1	205.7	542.8	441.6
80°	69.4	70.2	69.4	72.8	87.0	65.2	56.9	79.4	80.3	301.1	273.5
82.5°	50.2	51.0	48.5	43.5	38.5	35.1	46.8	58.5	62.7	138.0	102.0
85°	15.1	14.2	16.7	22.6	26.8	30.9	39.3	49.3	51.9	51.0	15.1
87.5°	6.7	6.7	8.4	11.7	15.9	23.4	34.3	45.2	46.0	52.7	4.2
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°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
2.5°	20.9	20.1	19.2	18.4	17.6	16.7	15.9	15.9	16.7	16.7	16.7
5°	20.1	19.2	17.6	15.9	15.1	14.2	13.4	13.4	14.2	14.2	14.2
7.5°	20.1	18.4	16.7	15.1	13.4	12.5	11.7	11.7	11.7	12.5	12.5
10°	20.1	18.4	15.9	13.4	11.7	10.9	10.0	9.2	10.0	10.0	10.0
12.5°	19.2	17.6	15.1	12.5	10.0	8.4	7.5	7.5	7.5	7.5	7.5
15°	18.4	16.7	14.2	10.9	8.4	6.7	5.0	5.0	5.0	5.9	5.9
17.5°	17.6	15.9	12.5	8.4	5.9	4.2	3.3	3.3	3.3	4.2	4.2
20°	17.6	15.1	10.9	6.7	4.2	2.5	1.7	1.7	1.7	2.5	3.3
22.5°	17.6	15.1	10.0	5.0	2.5	1.7	0.8	0.8	0.8	0.8	0.8
25°	17.6	14.2	9.2	4.2	1.7	0.8	0.0	0.0	0.8	1.7	2.5
27.5°	17.6	13.4	7.5	2.5	1.7	0.8	0.0	0.8	1.7	1.7	1.7
30°	17.6	13.4	6.7	2.5	0.8	0.0	0.0	0.8	1.7	1.7	2.5
32.5°	18.4	12.5	5.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	19.2	11.7	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	20.9	11.7	3.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	23.4	12.5	3.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	29.3	13.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.0	16.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	60.2	25.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	87.8	34.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	107.9	34.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	107.0	21.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	82.0	15.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	69.4	10.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	83.6	8.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	148.9	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	239.2	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	267.6	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	209.1	6.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	114.6	5.9	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	57.7	4.2	1.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	24.3	3.3	1.7	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
82.5°	8.4	3.3	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0
85°	4.2	2.5	2.5	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.5	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.8
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

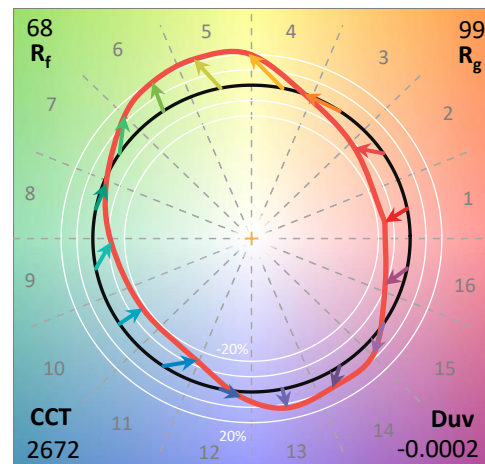
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

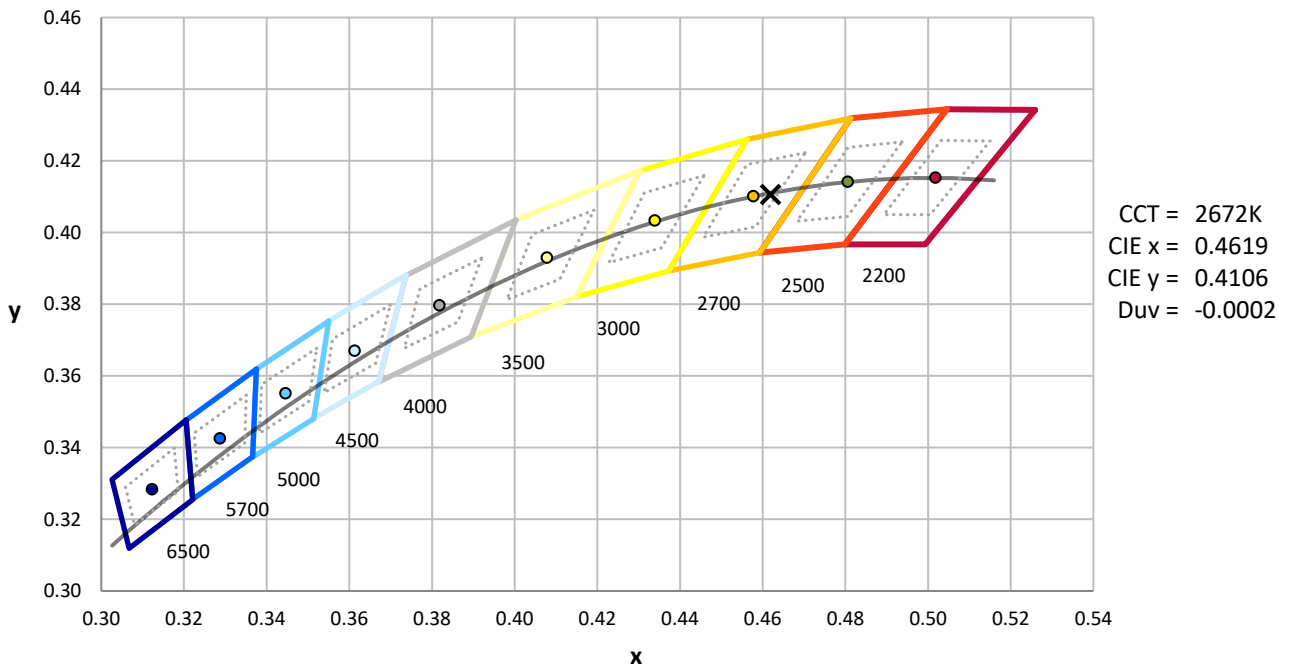
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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



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Photopic Flux vs. Wavelength

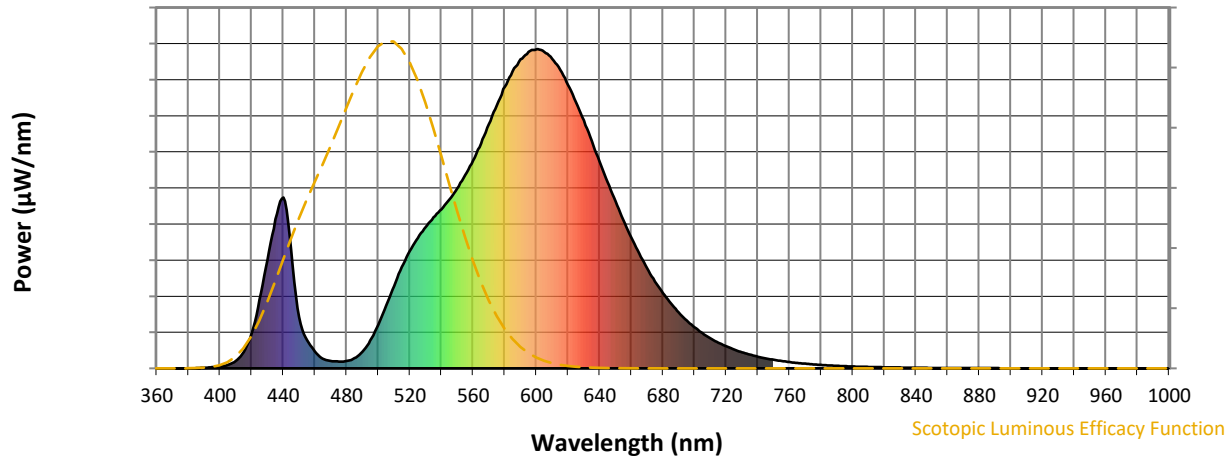


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

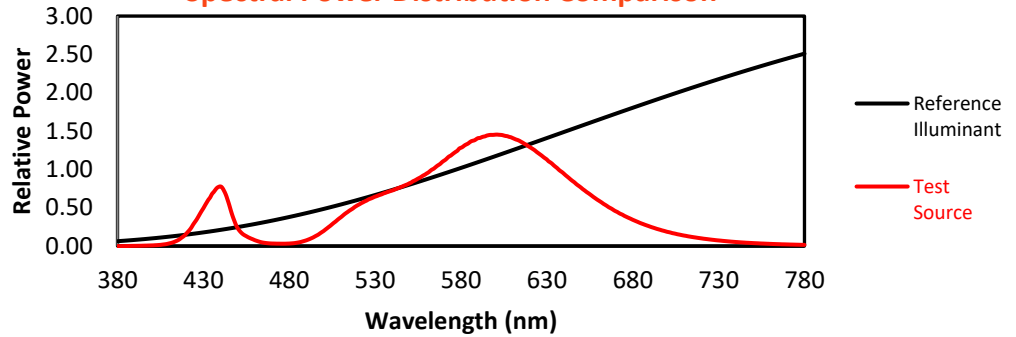
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TM-30-18

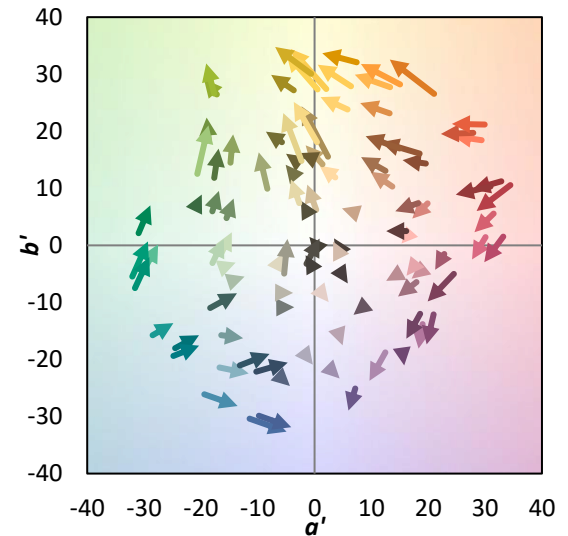
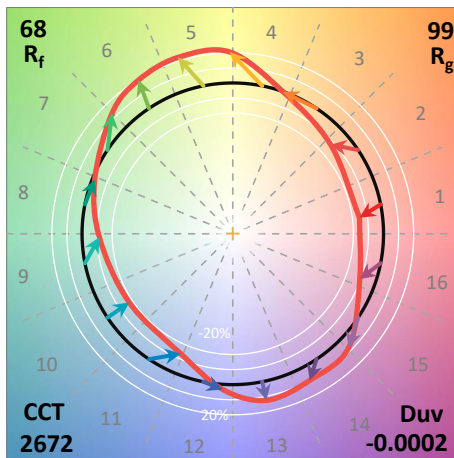
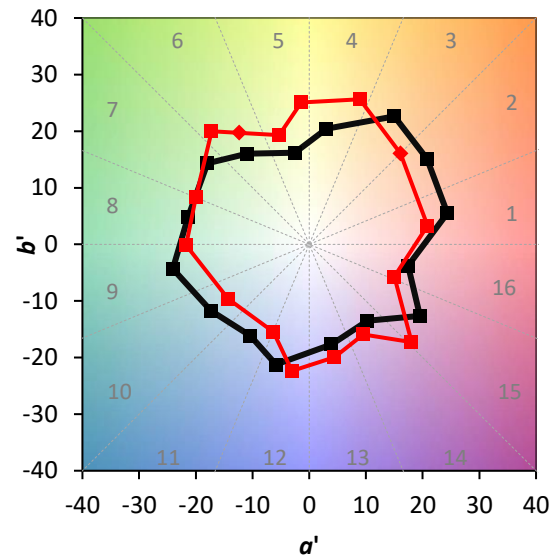
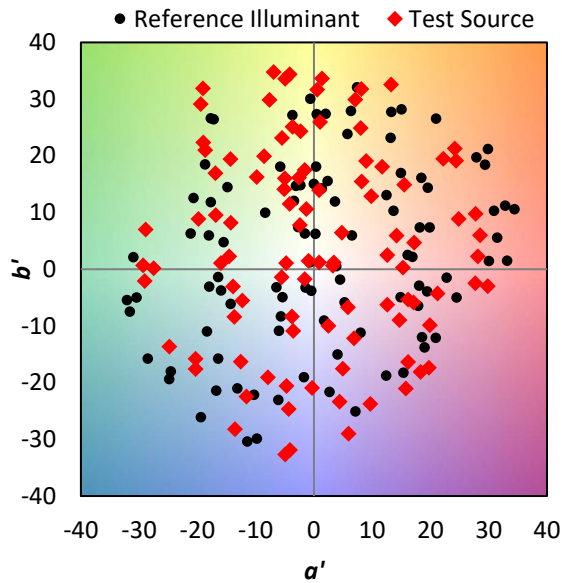
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

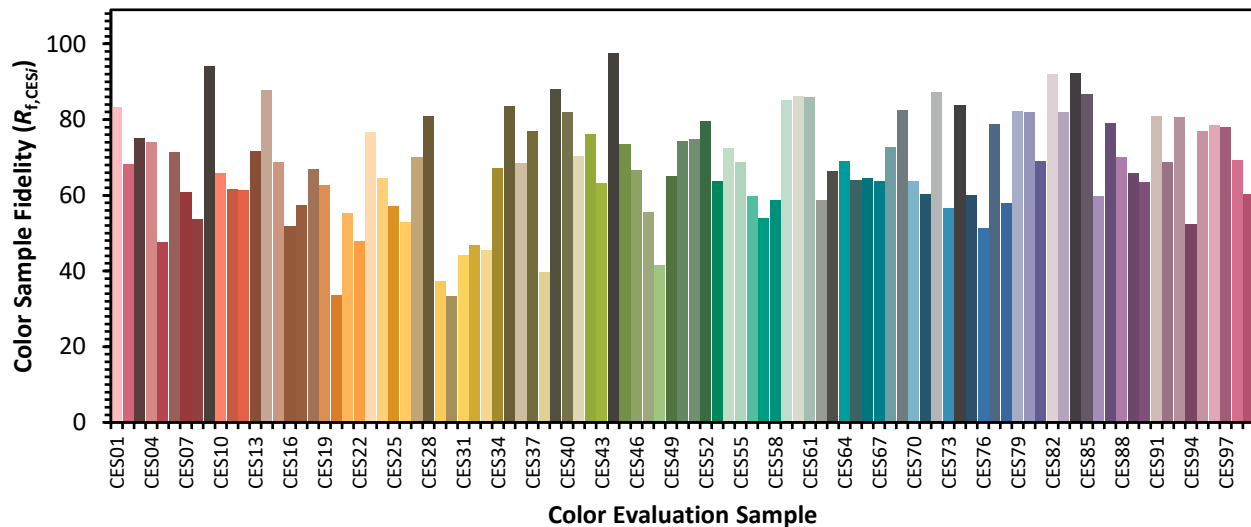


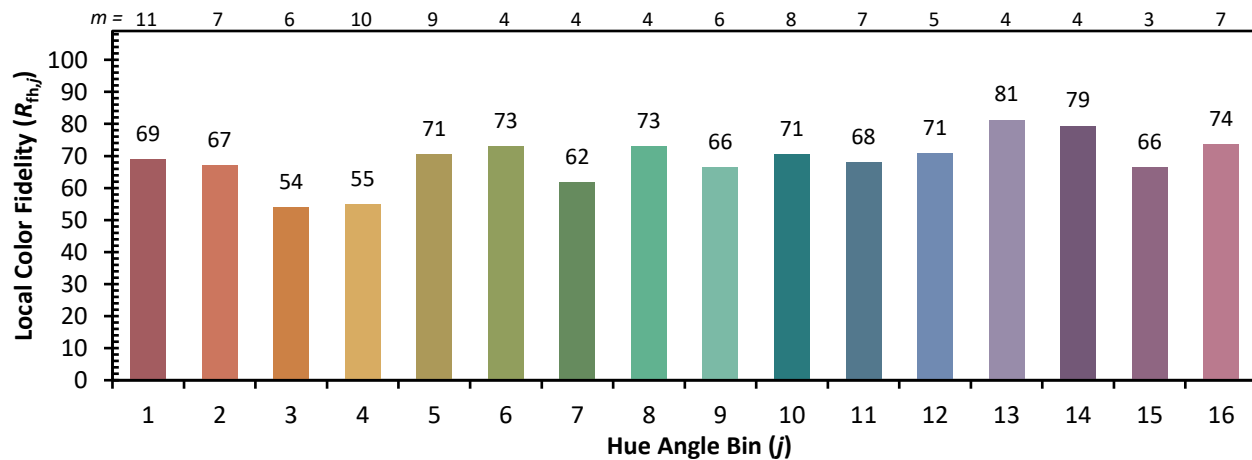
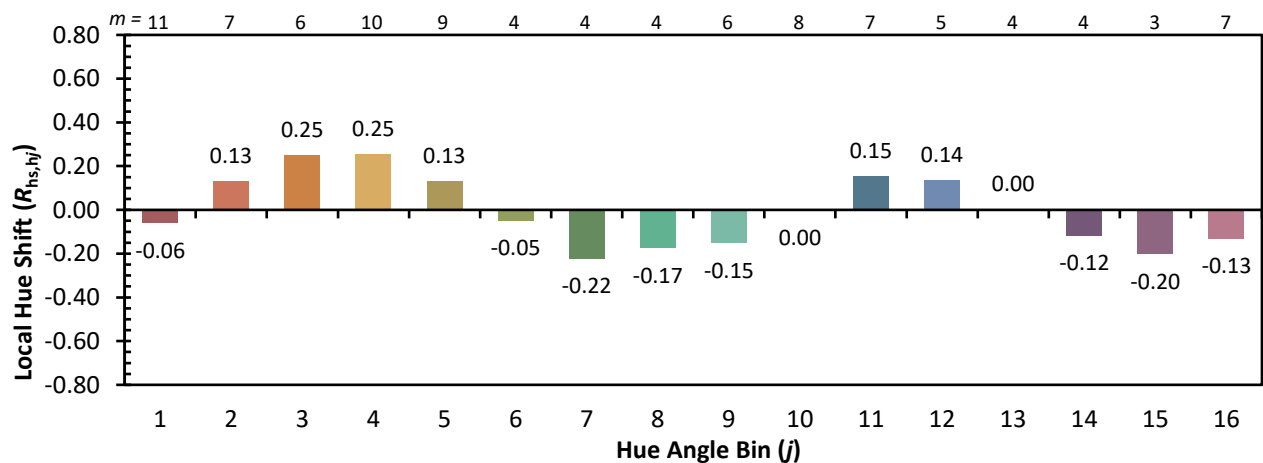
Color Vector Graphics



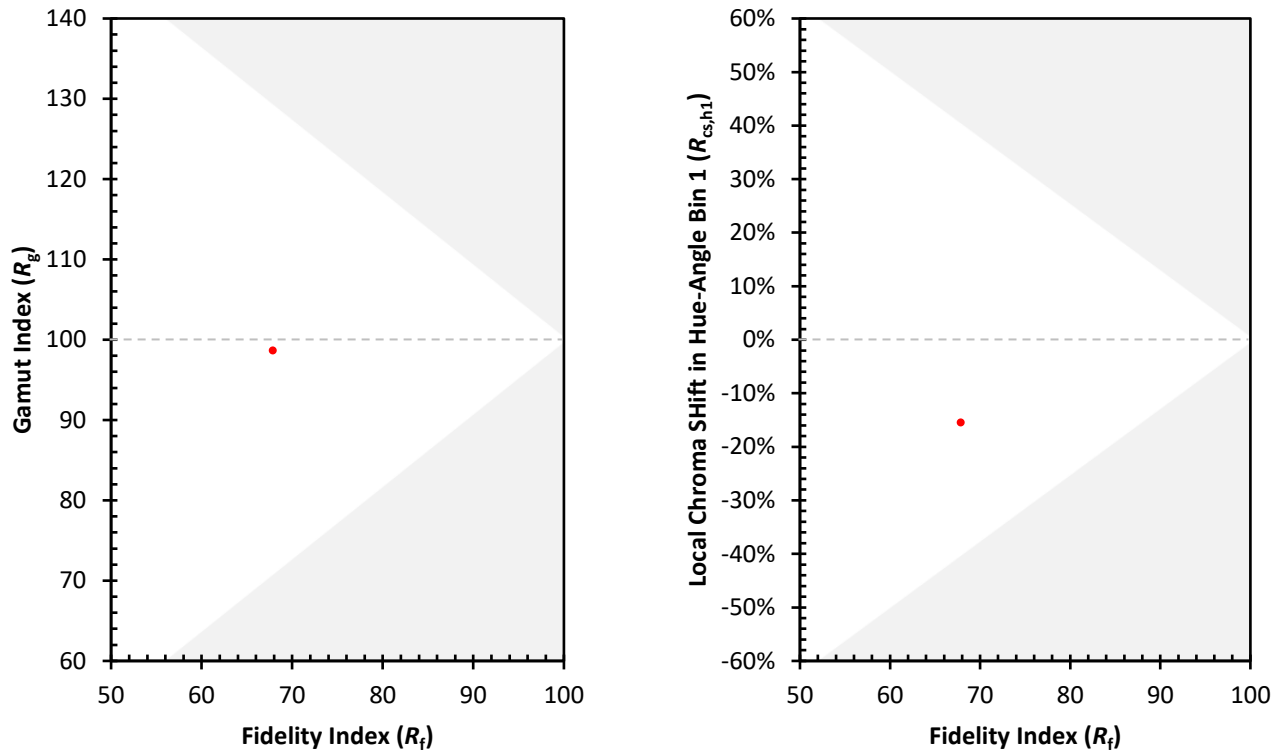
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)