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: McGRAW-EDISON

Report Number: P1361887

Luminaire Tested: **GSS-SB1A-730-U-5NQ**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1361887
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-730-U-5NQ
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 70CRI 3000K FIXTURE w/ TYPE V SQUARE NARROW DISTRIBUTION OPTIC
Light Source:	(26) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4244.6 lumens
Efficiency:	N/A
Efficacy:	136.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - U0 - G0

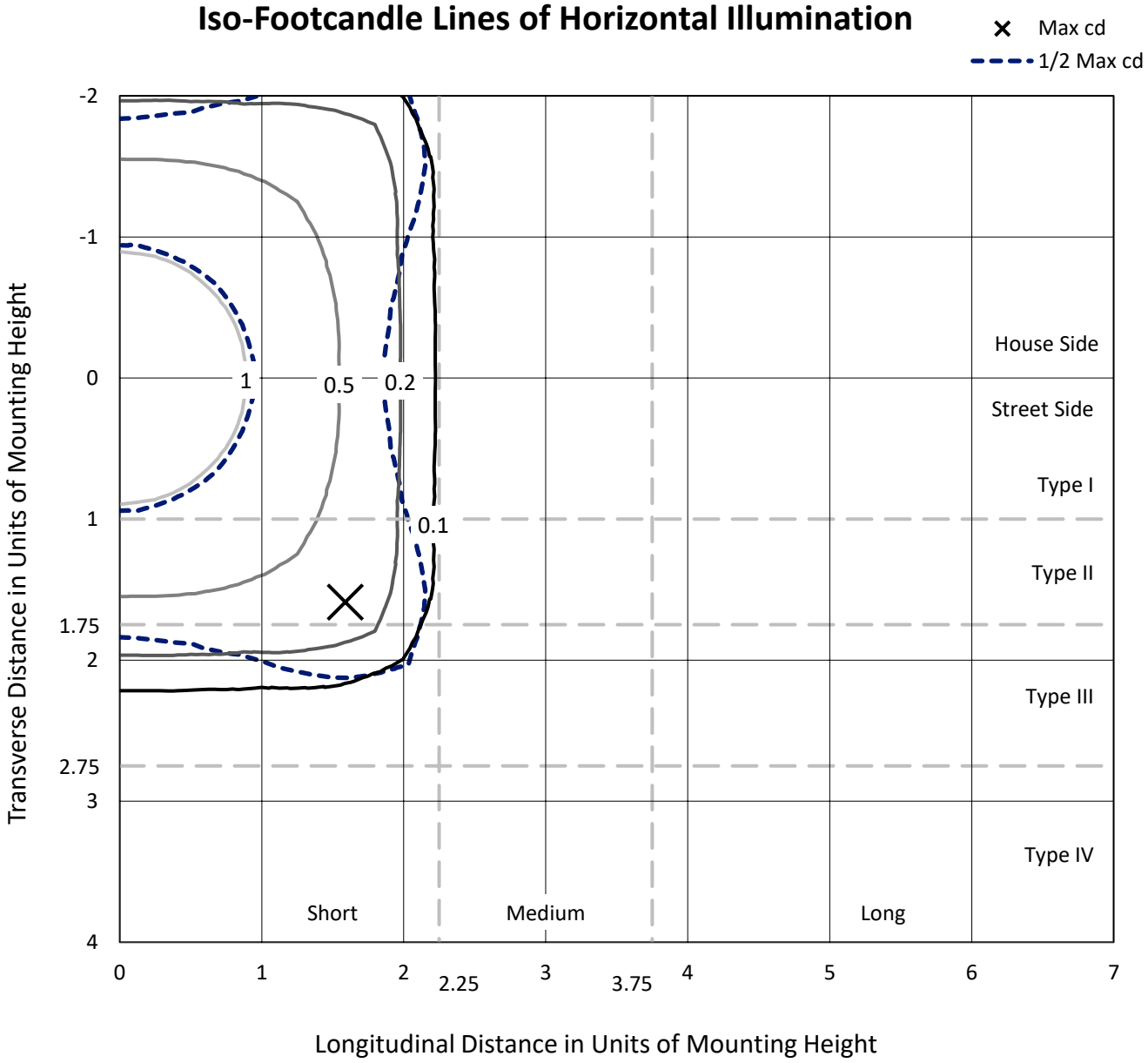
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1361887
CATALOG NUMBER: GSS-SB1A-730-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination



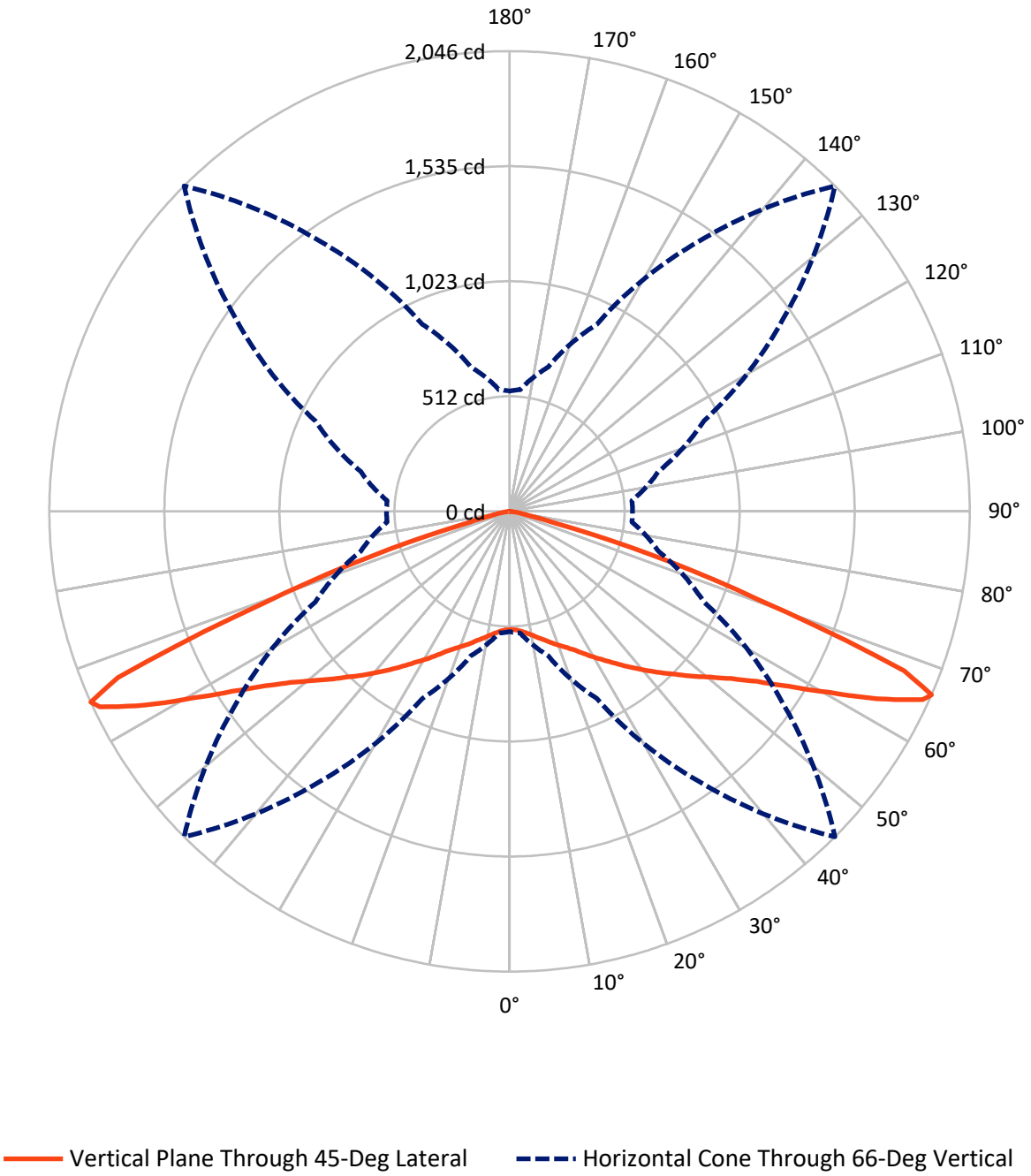
Based on 20 foot mounting height. Maximum calculated value = 1.3 fc
Type V - Short - N/A

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REPORT NUMBER: P1361887
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Luminous Intensity Polar Plot



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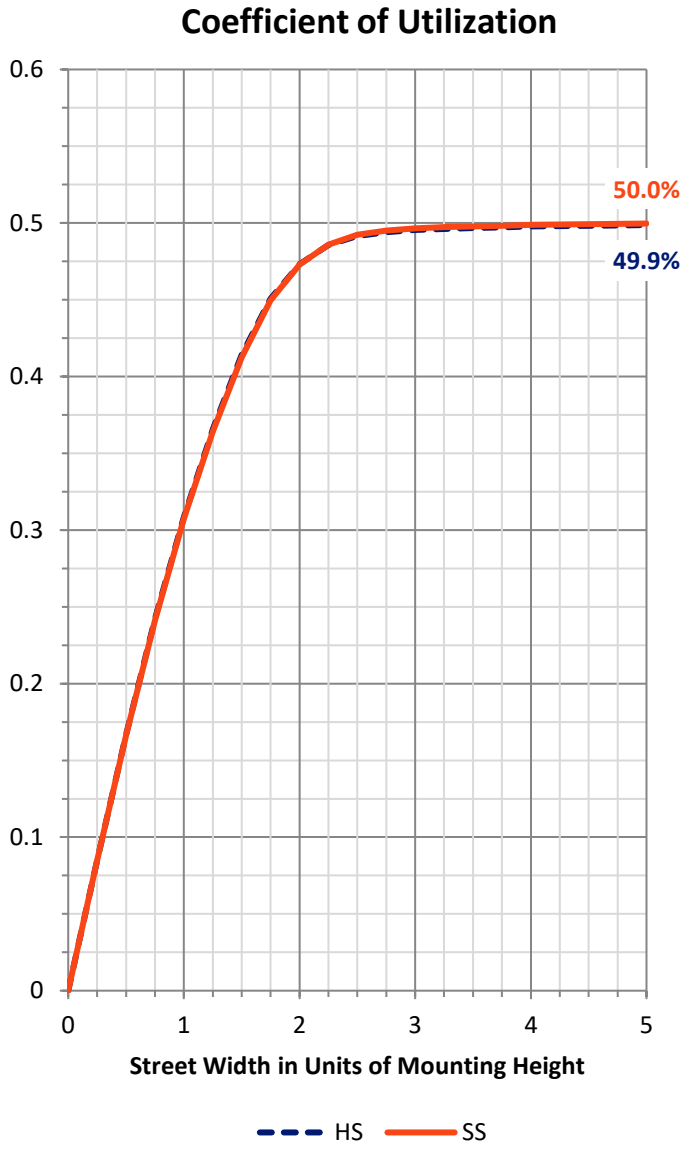
REPORT NUMBER: P1361887
CATALOG NUMBER: GSS-SB1A-730-U-5NQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2122.3	0.0	2122.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2122.3	0.0	2122.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	4244.6	0.0	4244.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	1.2
10°-20°	169.3	4.0
20°-30°	320.4	7.5
30°-40°	526.0	12.4
40°-50°	811.4	19.1
50°-60°	1176.1	27.7
60°-70°	1035.0	24.4
70°-80°	143.4	3.4
80°-90°	11.2	0.3
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°	4244.6	100.0
0°-180°	4244.6	100.0



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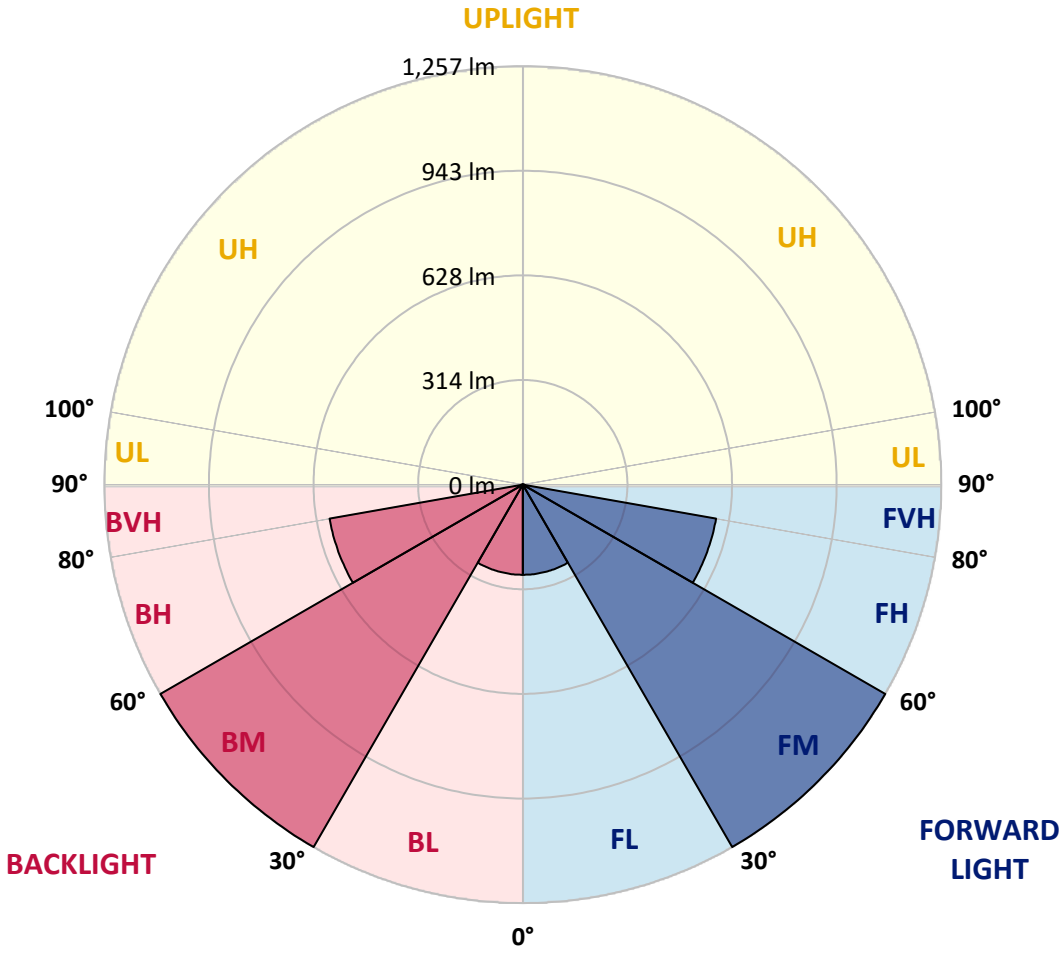
Scaled Data Report

REPORT NUMBER: P1361887
CATALOG NUMBER: GSS-SB1A-730-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	270.8	6.4			
FM	(30°-60°)	1256.7	29.6			
FH	(60°-80°)	589.2	13.9			G0/660
FVH	(80°-90°)	5.6	0.1			G0/10
BL	(0°-30°)	270.8	6.4	B1/500		
BM	(30°-60°)	1256.7	29.6	B2/2500		
BH	(60°-80°)	589.2	13.9	B2/1000		G0/660
BVH	(80°-90°)	5.6	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0
Type V Short



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Scaled Data Report

REPORT NUMBER: P1361887
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	528.3	527.4	525.5	526.4	525.5	527.4	530.2	526.4	528.3	529.2	528.3
5°	534.9	534.9	532.1	534.0	534.0	534.9	535.9	534.0	535.9	535.9	535.9
7.5°	547.2	548.1	545.3	545.3	546.3	546.3	548.1	547.2	547.2	548.1	549.1
10°	561.4	561.4	558.5	558.5	559.5	560.4	561.4	559.5	560.4	560.4	560.4
12.5°	576.5	575.5	572.7	573.7	573.7	577.4	577.4	574.6	573.7	573.7	573.7
15°	591.6	591.6	589.7	590.7	593.5	594.5	595.4	589.7	589.7	587.8	587.8
17.5°	612.4	610.5	610.5	609.6	613.4	616.2	614.3	608.6	609.6	607.7	607.7
20°	636.0	634.1	631.3	633.2	633.2	636.0	635.1	630.4	630.4	630.4	630.4
22.5°	661.6	660.6	657.8	660.6	659.7	658.7	659.7	658.7	656.8	657.8	658.7
25°	689.0	687.1	685.2	689.9	687.1	685.2	688.0	688.0	686.1	685.2	689.0
27.5°	717.3	715.4	715.4	720.1	715.4	719.2	720.1	717.3	716.4	715.4	718.3
30°	748.5	746.6	748.5	753.2	750.4	755.1	755.1	753.2	747.6	747.6	749.4
32.5°	786.3	783.5	786.3	789.1	789.1	792.0	792.9	790.1	789.1	785.4	790.1
35°	828.8	826.9	826.9	829.8	829.8	834.5	834.5	832.6	830.7	828.8	830.7
37.5°	879.9	873.2	877.0	876.1	877.0	880.8	880.8	874.2	878.0	875.1	878.9
40°	928.1	920.5	930.0	927.1	929.0	928.1	930.0	927.1	926.2	922.4	926.2
42.5°	981.0	975.3	983.8	983.8	984.8	980.0	982.9	981.9	981.9	975.3	977.2
45°	1042.4	1033.0	1045.3	1045.3	1042.4	1033.0	1043.4	1041.5	1043.4	1033.9	1036.7
47.5°	1102.0	1094.4	1113.3	1115.2	1107.6	1094.4	1106.7	1108.6	1107.6	1094.4	1099.1
50°	1164.3	1156.8	1179.5	1193.6	1181.3	1158.7	1174.7	1186.1	1179.5	1155.8	1157.7
52.5°	1221.0	1217.3	1250.3	1274.0	1259.8	1234.3	1256.9	1264.5	1248.4	1217.3	1218.2
55°	1263.6	1264.5	1311.8	1356.2	1356.2	1334.4	1350.5	1345.8	1306.1	1260.7	1258.8
57.5°	1270.2	1274.9	1340.1	1430.8	1473.4	1467.7	1459.2	1411.9	1330.7	1260.7	1256.9
60°	1136.9	1157.7	1273.0	1461.1	1584.9	1634.0	1571.7	1430.8	1266.4	1163.4	1153.9
62.5°	898.8	911.1	1034.9	1323.1	1674.7	1834.4	1645.4	1333.5	1066.0	939.4	926.2
65°	660.6	680.5	786.3	1033.9	1577.3	2018.7	1575.4	1065.1	809.9	698.4	689.9
66°	534.9	543.4	664.4	917.7	1463.9	2046.1	1480.9	953.6	685.2	546.3	547.2
67.5°	321.3	330.8	445.1	719.2	1226.7	1892.0	1290.0	742.8	446.1	327.9	301.5
70°	116.2	120.0	155.9	292.0	825.0	1170.0	857.2	290.1	148.4	119.1	115.3
72.5°	70.9	71.8	79.4	110.6	254.2	649.3	246.7	111.5	79.4	68.0	68.0
75°	40.6	40.6	53.9	66.2	94.5	206.0	91.7	67.1	54.8	48.2	46.3
77.5°	29.3	30.2	39.7	45.4	54.8	83.2	55.8	41.6	35.0	28.4	28.4
80°	20.8	21.7	26.5	32.1	37.8	47.3	30.2	26.5	25.5	18.0	18.0
82.5°	14.2	14.2	15.1	18.9	19.8	18.9	16.1	17.0	16.1	12.3	11.3
85°	5.7	5.7	6.6	7.6	7.6	6.6	7.6	8.5	7.6	5.7	5.7
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
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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Peachtree City, GA 30269

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

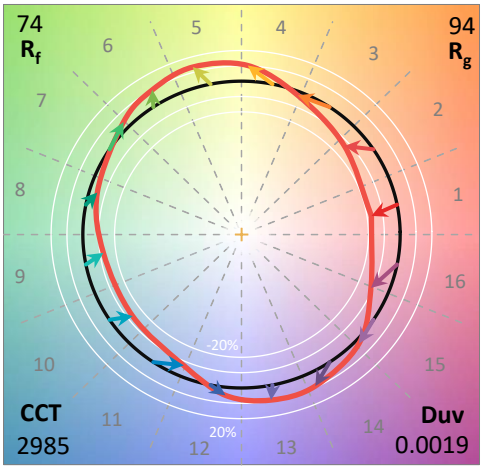
Test Information

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
Rf:	73.8
Rg:	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

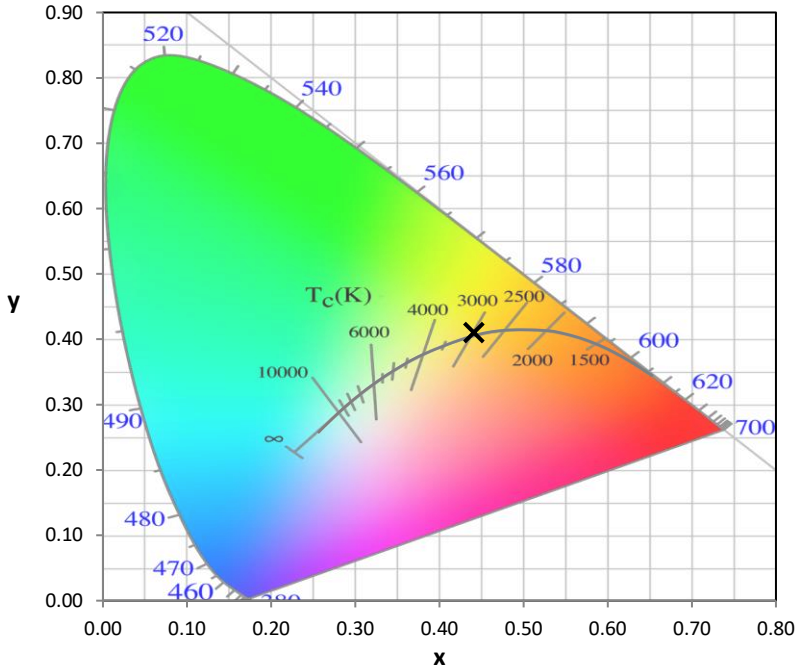
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

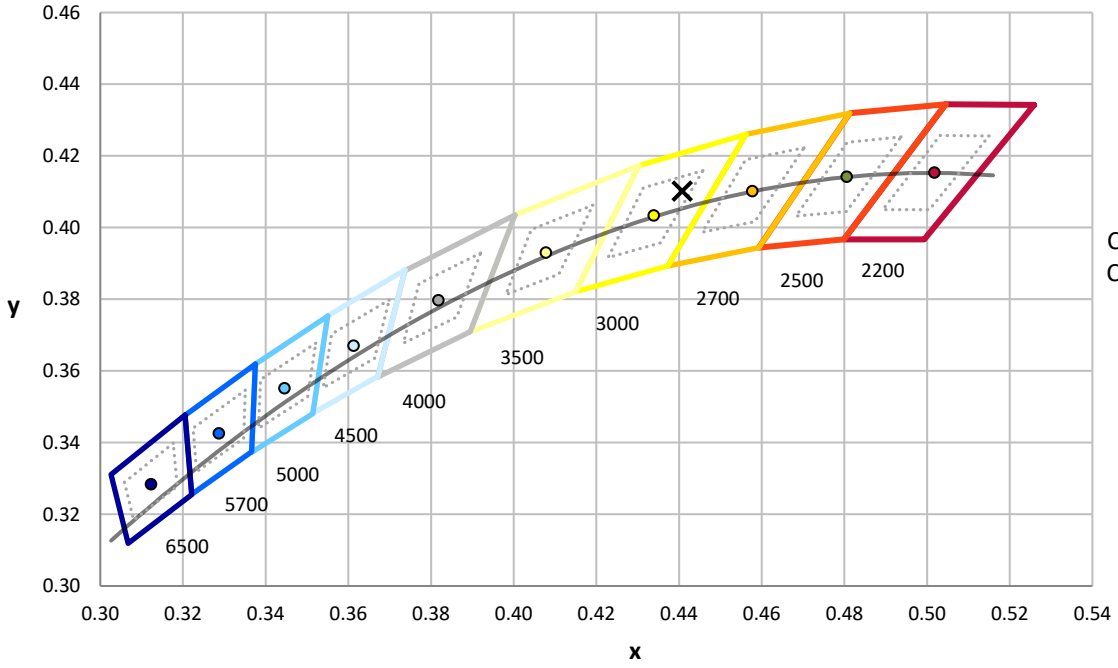
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

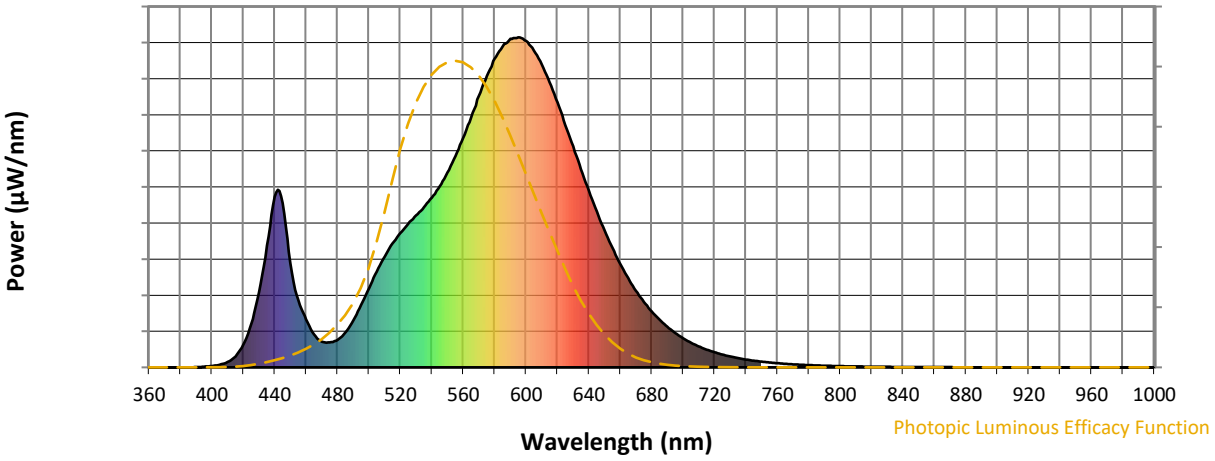


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

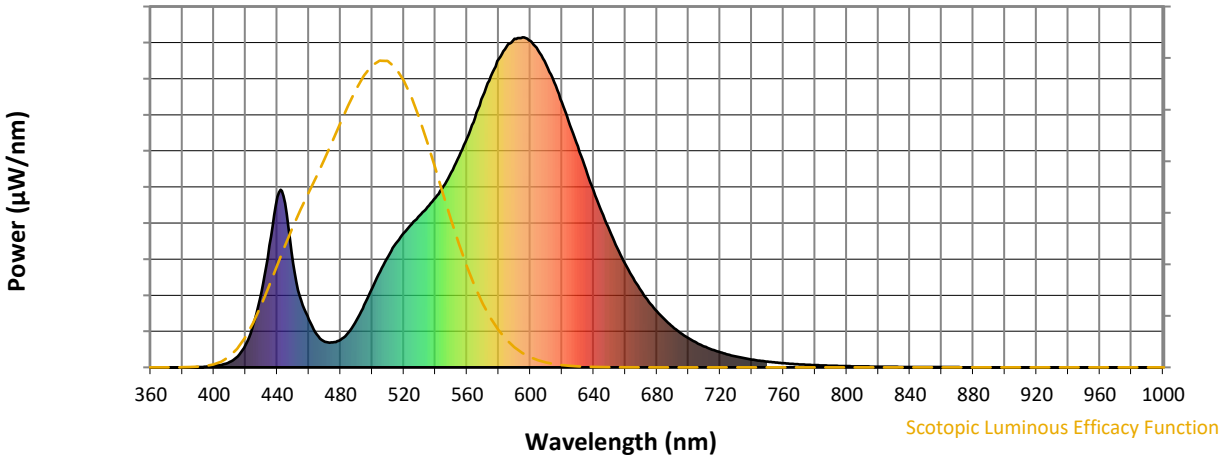


Photopic Lumens: NR

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

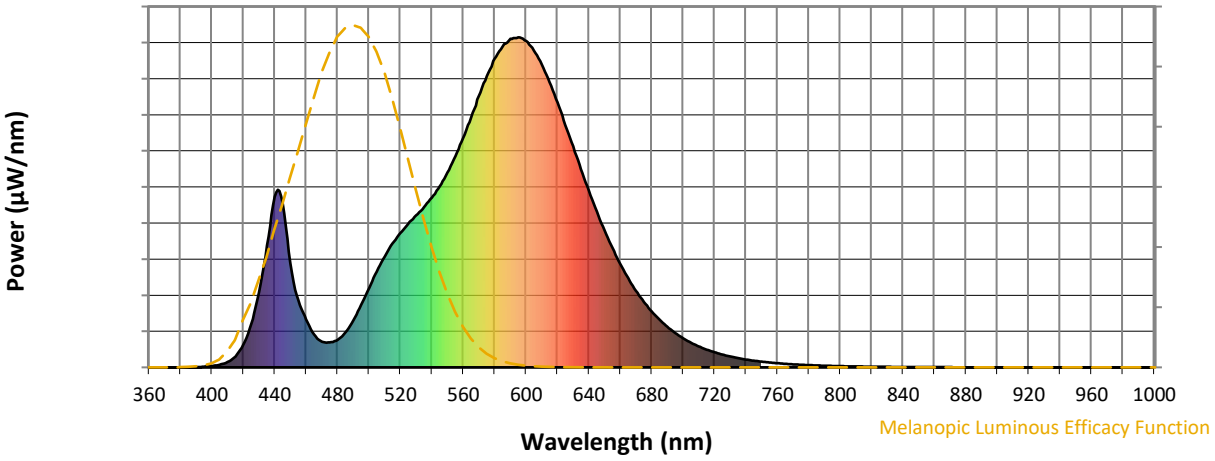


Scotopic Lumens: NR **S/P: 1.19**

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			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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			

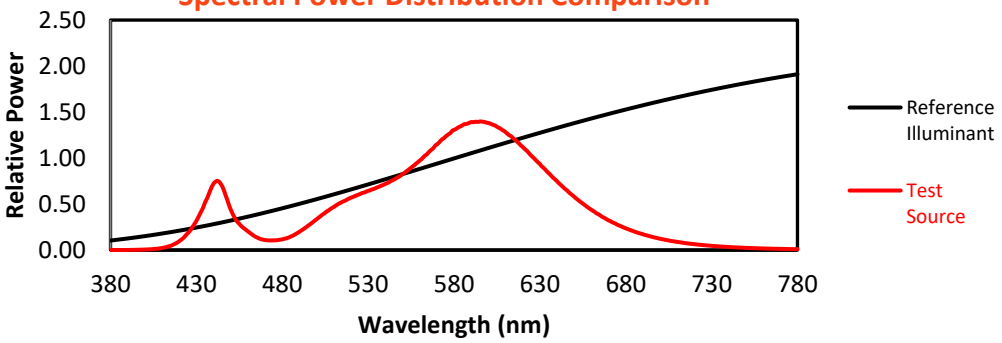
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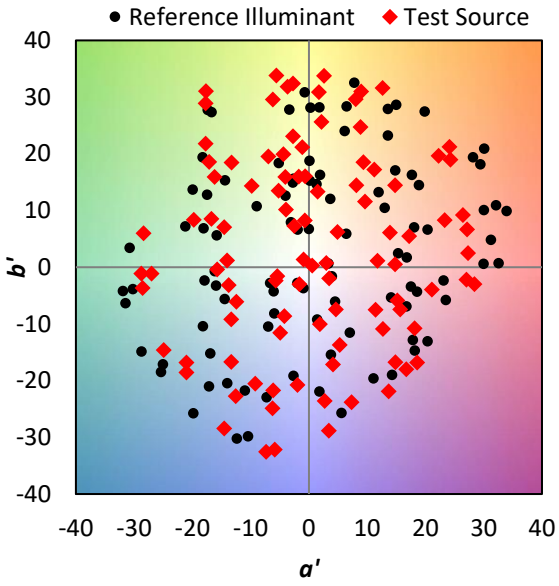
Summary

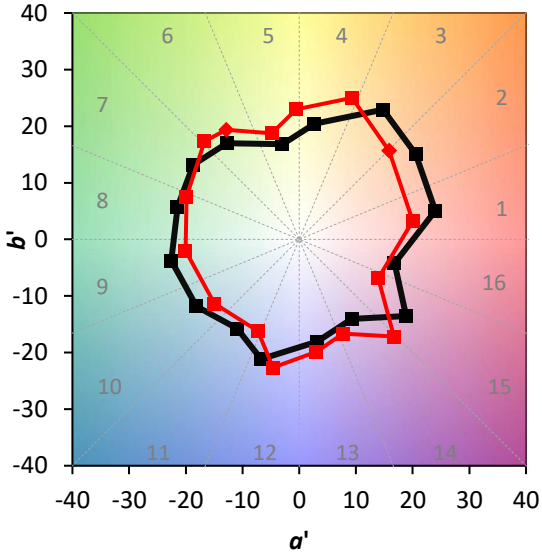
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

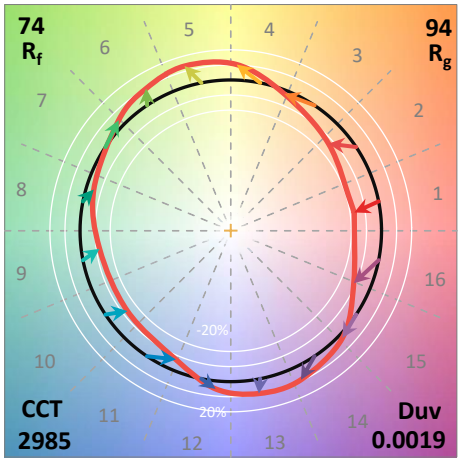
Spectral Power Distribution Comparison

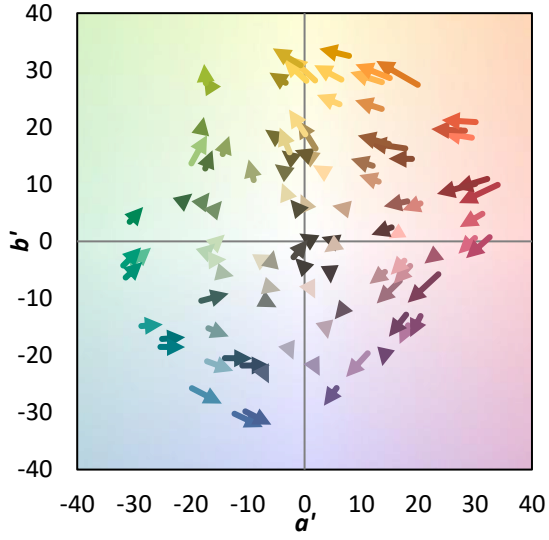


Color Vector Graphics







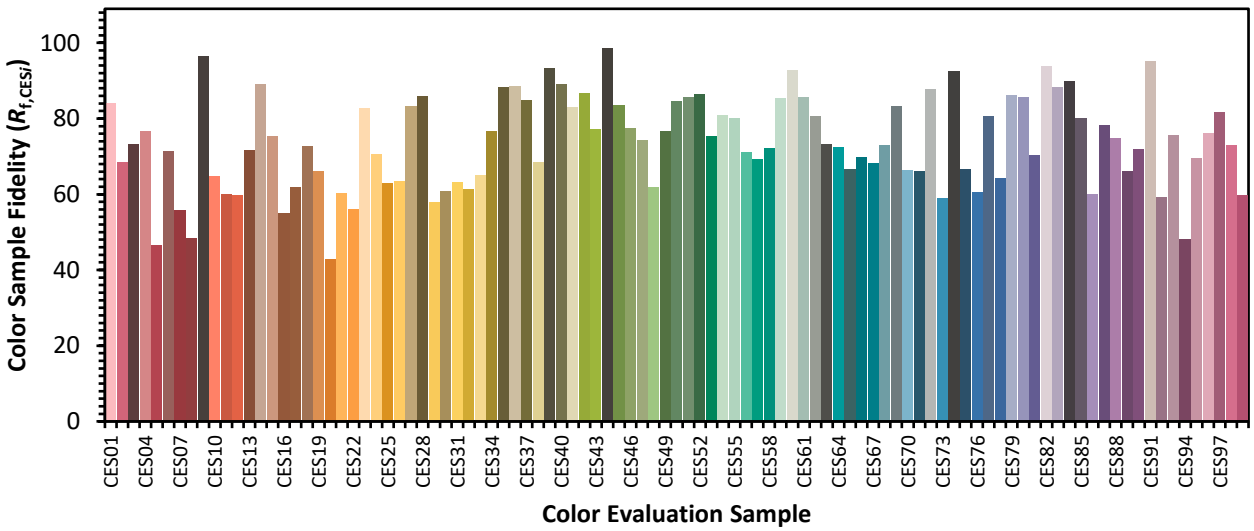


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Individual Sample Fidelity Index ($R_{f,i}$)

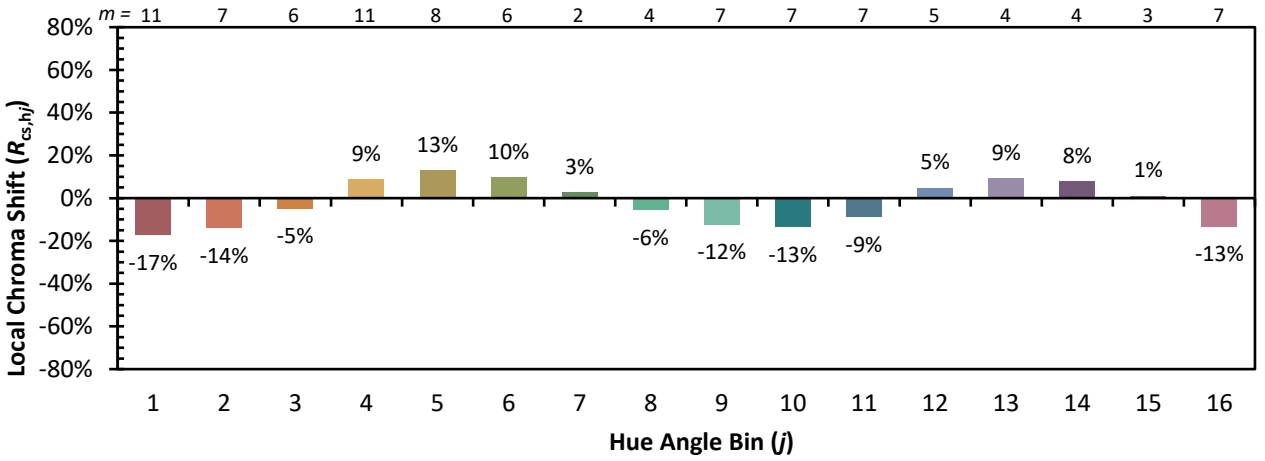
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

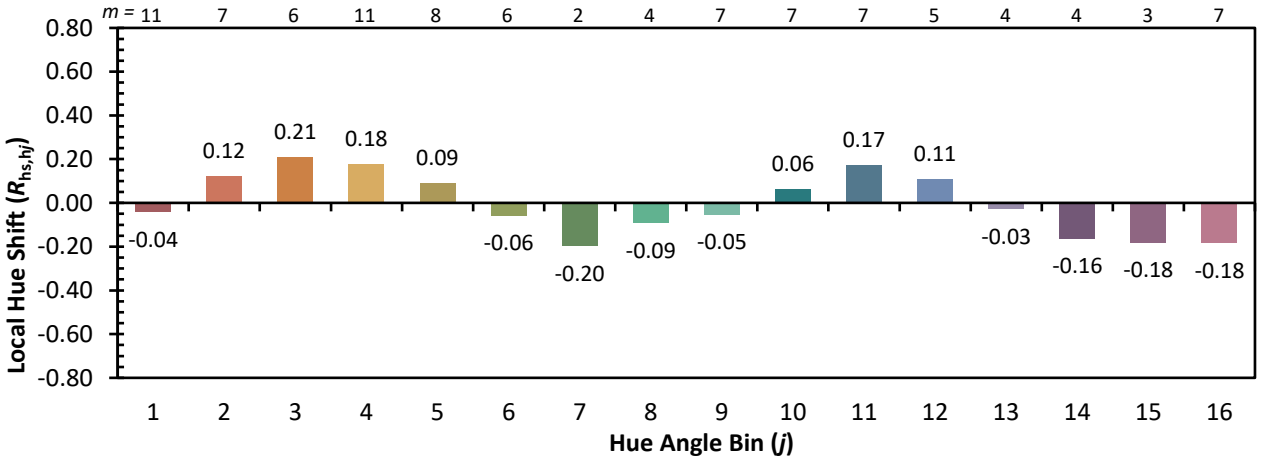


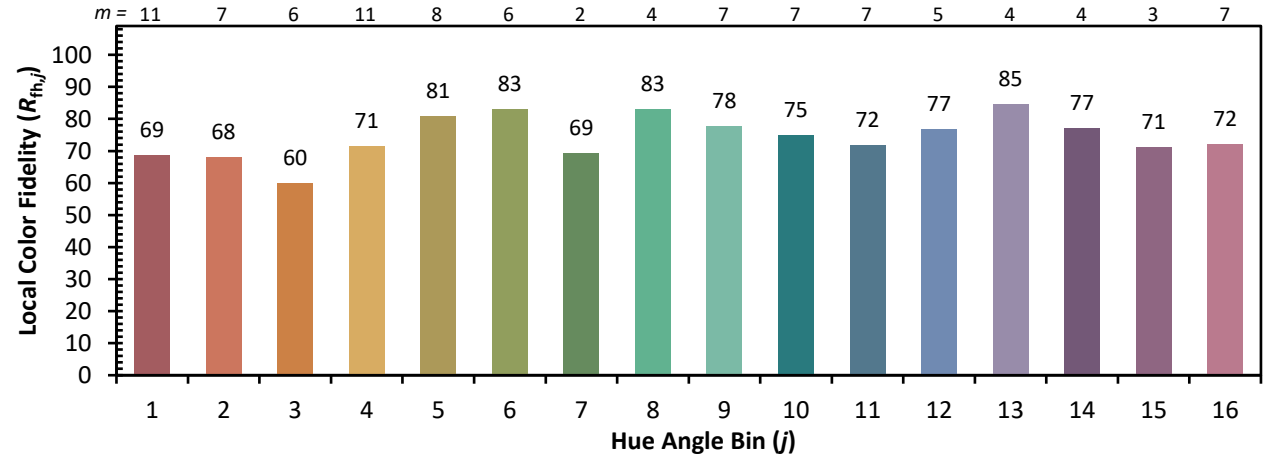
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Color Rendition by Hue-Angle Bin



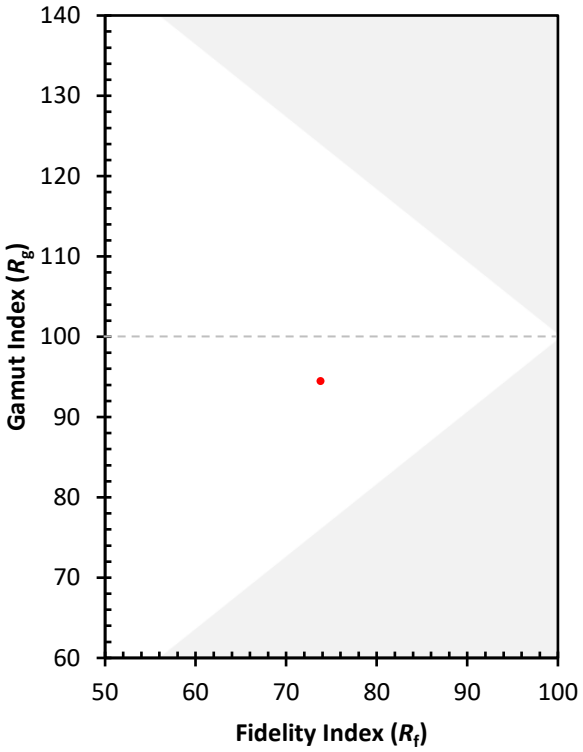


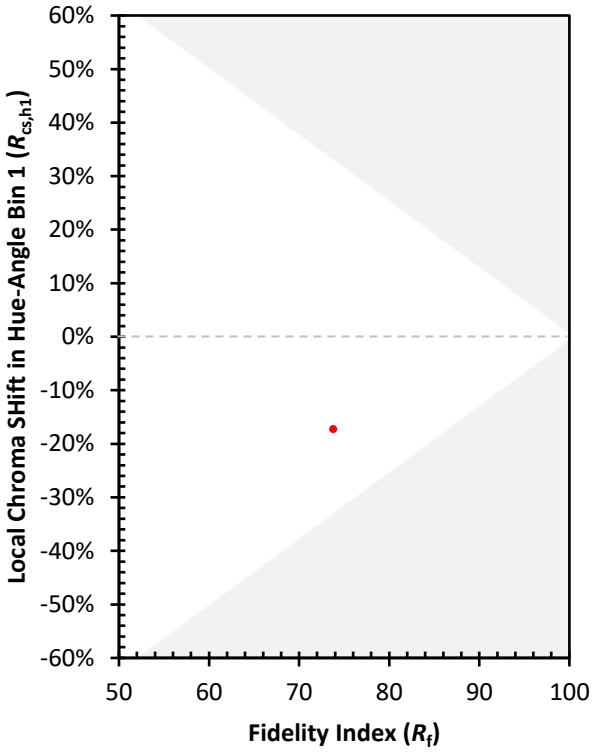


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Measure Comparisons





(END OF REPORT)