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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1502717

Luminaire Tested: GSS-SB1A-840-U-T4LG-HSS

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502717
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3140.5 lumens
Efficiency:	N/A
Efficacy:	101.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

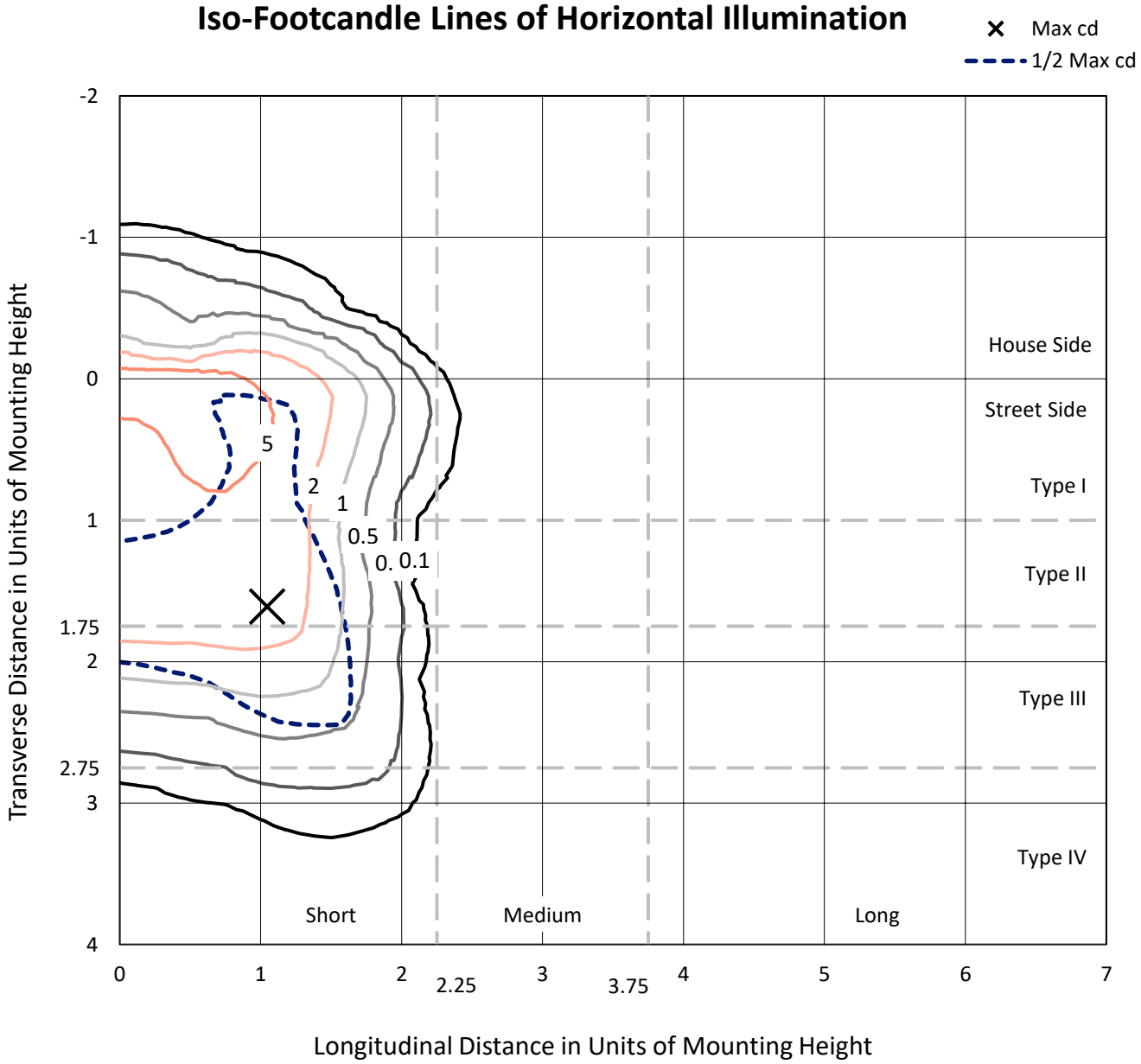
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502717
CATALOG NUMBER: GSS-SB1A-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



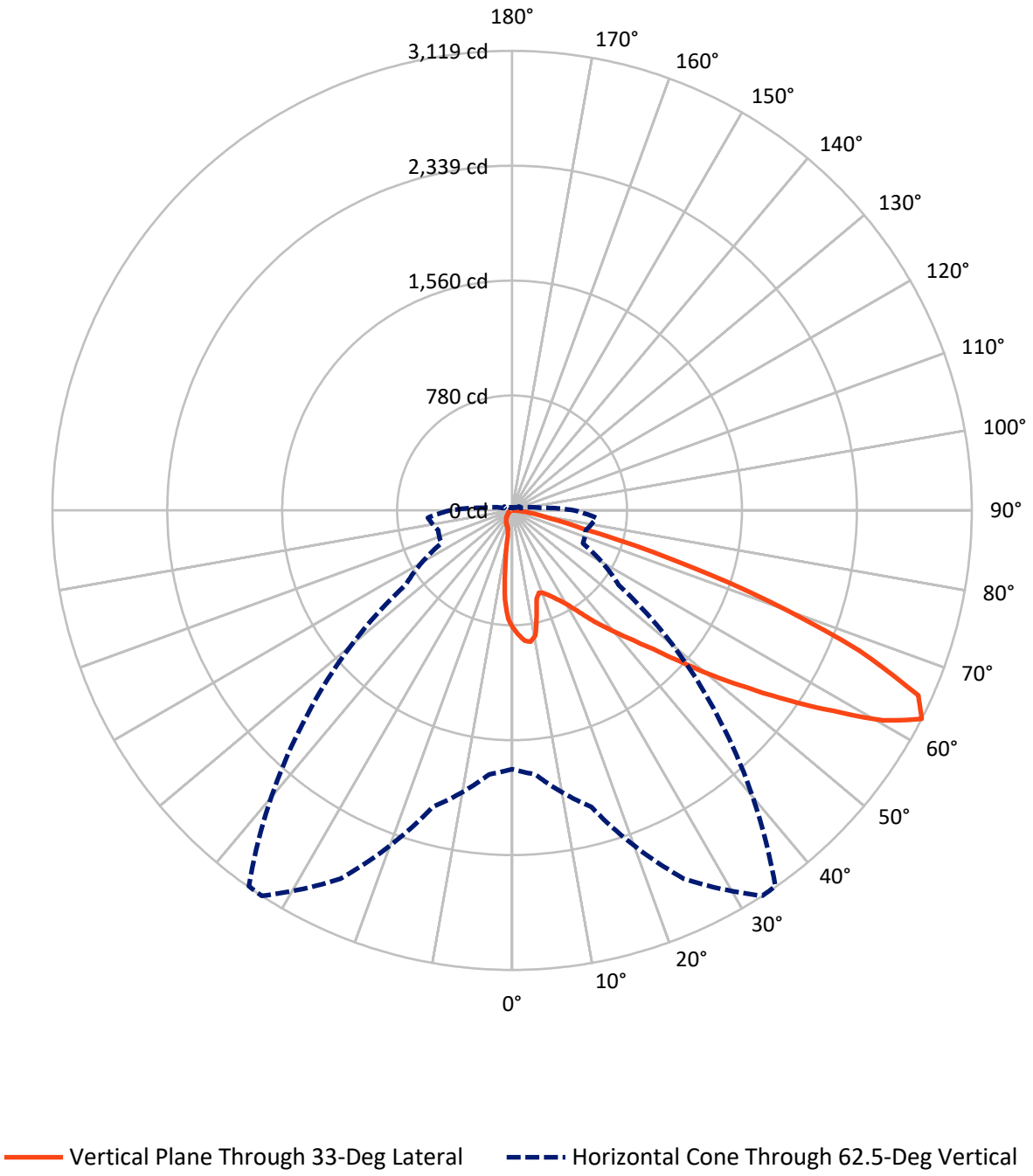
Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502717
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Luminous Intensity Polar Plot



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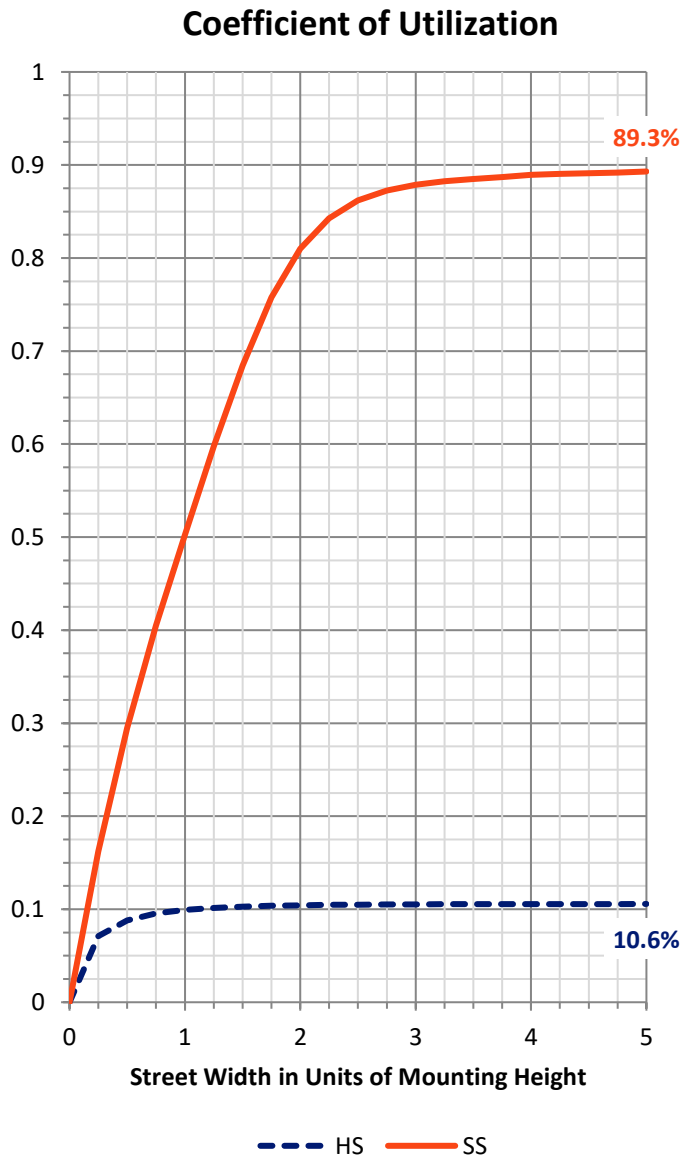
REPORT NUMBER: P1502717
CATALOG NUMBER: GSS-SB1A-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	334.2	0.0	334.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	2806.3	0.0	2806.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	3140.5	0.0	3140.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.8	2.2
10°-20°	151.3	4.8
20°-30°	243.9	7.8
30°-40°	405.8	12.9
40°-50°	641.4	20.4
50°-60°	861.6	27.4
60°-70°	632.5	20.1
70°-80°	125.2	4.0
80°-90°	10.9	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°	3140.5	100.0
0°-180°	3140.5	100.0



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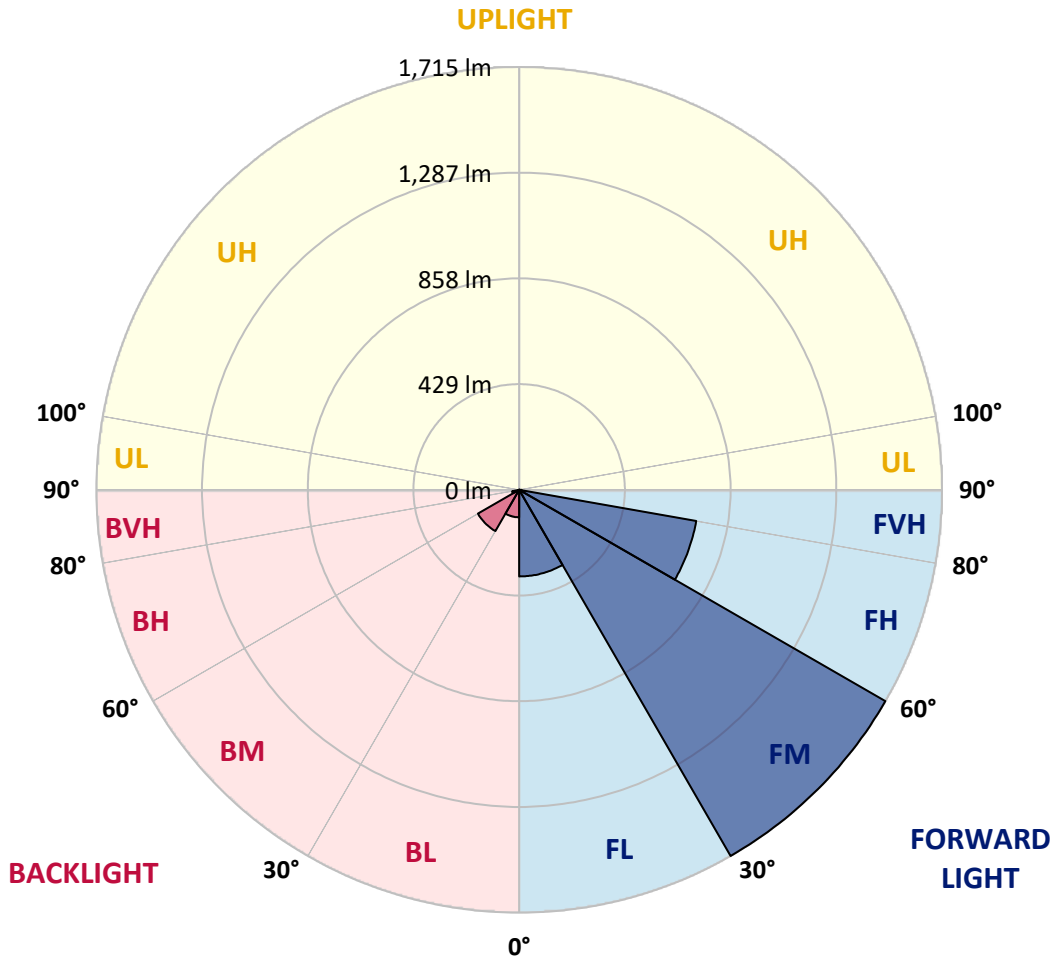
Scaled Data Report

REPORT NUMBER: P1502717
CATALOG NUMBER: GSS-SB1A-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	351.6	11.2			
FM	(30°-60°)	1715.5	54.6			
FH	(60°-80°)	729.2	23.2			G1/1800
FVH	(80°-90°)	10.1	0.3			G1/100
BL	(0°-30°)	111.5	3.6	B1/500		
BM	(30°-60°)	193.3	6.2	B0/220		
BH	(60°-80°)	28.6	0.9	B0/110		G0/110
BVH	(80°-90°)	0.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7
2.5°	849.9	853.4	853.4	846.4	844.6	841.0	837.5	836.6	825.1	816.3	807.4
5°	893.2	892.3	891.5	887.9	888.8	884.4	881.7	877.3	857.9	844.6	820.7
7.5°	874.7	882.6	886.2	895.9	900.3	899.4	906.5	908.3	891.5	872.9	836.6
10°	753.5	749.1	780.9	822.5	864.0	873.8	911.8	932.1	926.0	909.1	862.3
12.5°	597.0	601.4	623.5	672.1	740.2	761.5	871.1	951.6	969.3	958.7	897.7
15°	546.5	546.5	558.0	581.0	621.7	642.1	777.4	948.9	1015.3	1016.2	941.9
17.5°	535.9	537.7	547.4	562.5	589.0	597.8	692.5	910.0	1060.4	1076.3	991.4
20°	537.7	540.4	551.0	572.2	597.8	608.5	670.4	860.5	1098.4	1141.7	1043.6
22.5°	543.9	543.0	561.6	589.9	622.6	632.3	688.9	840.2	1130.2	1216.9	1104.6
25°	551.0	551.9	575.7	615.5	655.3	666.8	730.5	858.7	1153.2	1297.4	1166.5
27.5°	572.2	574.9	604.0	647.4	694.2	709.3	784.4	907.4	1193.0	1375.2	1233.7
30°	604.9	607.6	641.2	693.4	743.8	766.8	851.7	968.4	1252.3	1465.4	1302.7
32.5°	642.9	646.5	689.8	750.0	811.0	833.1	928.6	1061.3	1331.0	1557.4	1374.3
35°	690.7	700.4	747.3	818.9	901.2	922.4	1023.2	1166.5	1433.6	1639.6	1435.4
37.5°	756.1	764.1	821.6	910.9	994.0	1022.3	1129.4	1277.1	1526.4	1713.1	1484.9
40°	835.7	842.8	907.4	1004.7	1091.3	1115.2	1240.8	1388.5	1626.4	1753.7	1495.5
42.5°	968.4	987.9	1028.5	1110.8	1203.6	1233.7	1364.6	1496.4	1698.9	1761.7	1478.7
45°	1200.1	1206.3	1215.1	1254.1	1343.4	1369.9	1495.5	1590.1	1742.2	1763.5	1463.7
47.5°	1422.1	1443.3	1455.7	1473.4	1527.3	1537.1	1632.6	1674.1	1776.7	1757.3	1463.7
50°	1644.1	1660.0	1681.2	1702.4	1759.9	1763.5	1777.6	1730.7	1778.5	1706.9	1454.8
52.5°	1845.7	1851.0	1887.3	1928.0	1999.6	2019.1	1912.0	1772.3	1671.5	1547.7	1413.2
55°	2026.1	2033.2	2088.0	2171.2	2273.8	2299.4	2076.5	1691.8	1442.4	1341.6	1316.8
57.5°	2142.9	2159.7	2269.3	2452.4	2568.3	2556.8	2203.9	1503.5	1158.5	1097.5	1146.2
60°	2084.5	2107.5	2338.3	2688.5	2894.6	2861.0	2168.5	1237.3	856.1	811.9	907.4
62.5°	1756.4	1798.8	2084.5	2758.4	3119.2	3113.9	1968.6	882.6	530.6	519.1	573.1
65°	1221.3	1294.7	1633.5	2524.9	3029.0	3037.0	1657.3	513.8	245.9	305.1	335.2
67.5°	719.9	772.1	1052.4	2061.5	2541.7	2468.3	1126.7	237.9	122.9	185.7	177.8
70°	316.6	352.0	603.2	1428.3	1851.9	1733.4	550.1	115.9	93.7	112.3	98.2
72.5°	174.2	190.1	317.5	754.4	1126.7	1071.0	185.7	76.9	80.5	84.0	70.8
75°	97.3	104.4	167.1	436.0	495.3	460.8	90.2	50.4	68.1	68.1	52.2
77.5°	56.6	62.8	104.4	271.5	271.5	219.3	54.8	31.8	51.3	46.0	28.3
80°	26.5	30.1	57.5	150.3	171.6	141.5	31.0	22.1	33.6	29.2	18.6
82.5°	8.0	9.7	28.3	58.4	97.3	83.1	15.9	14.2	24.8	18.6	10.6
85°	5.3	6.2	14.2	23.9	47.8	41.6	5.3	4.4	10.6	8.8	4.4
87.5°	0.9	0.9	1.8	1.8	1.8	1.8	0.9	0.9	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

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Scaled Data Report

REPORT NUMBER: P1502717
CATALOG NUMBER: GSS-SB1A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7	797.7
2.5°	802.1	795.9	781.8	768.5	761.5	745.5	739.3	732.3	728.7	727.8	722.5
5°	805.7	794.2	758.8	723.4	686.3	650.9	614.6	582.8	557.2	558.0	558.9
7.5°	816.3	793.3	731.4	660.6	581.0	489.1	390.9	317.5	270.6	260.9	252.0
10°	830.4	796.8	697.8	566.9	410.4	258.2	182.2	155.7	144.2	141.5	142.4
12.5°	857.0	805.7	655.3	437.8	227.3	148.6	131.8	127.4	125.6	125.6	125.6
15°	889.7	818.1	589.0	286.5	148.6	123.8	120.3	119.4	117.6	117.6	118.5
17.5°	917.1	818.1	501.4	186.6	122.0	115.0	112.3	111.4	111.4	112.3	111.4
20°	947.2	811.9	403.3	140.6	113.2	107.0	105.2	105.2	105.2	106.1	106.1
22.5°	978.1	801.3	312.2	120.3	105.2	99.9	99.1	99.9	100.8	101.7	101.7
25°	1012.6	788.0	246.7	111.4	98.2	93.7	93.7	93.7	94.6	96.4	97.3
27.5°	1050.6	776.5	211.4	106.1	92.0	87.6	87.6	88.4	90.2	91.1	92.0
30°	1086.0	776.5	199.9	108.8	89.3	84.0	82.2	83.1	84.9	86.7	86.7
32.5°	1130.2	785.3	206.1	120.3	88.4	78.7	76.9	76.9	78.7	79.6	79.6
35°	1167.4	802.1	227.3	136.2	92.0	74.3	70.8	69.9	71.6	70.8	71.6
37.5°	1197.5	825.1	266.2	157.4	99.1	69.0	64.6	61.9	61.9	61.9	61.9
40°	1206.3	848.1	315.7	171.6	98.2	62.8	56.6	53.9	53.1	52.2	52.2
42.5°	1193.9	858.7	355.5	170.7	87.6	58.4	50.4	46.9	44.2	43.3	43.3
45°	1184.2	864.0	369.7	148.6	79.6	53.1	45.1	40.7	38.0	37.1	36.3
47.5°	1185.1	869.4	348.4	121.2	72.5	48.6	40.7	36.3	33.6	32.7	31.8
50°	1188.6	860.5	295.4	100.8	66.3	44.2	36.3	32.7	30.1	29.2	28.3
52.5°	1151.5	813.6	207.8	88.4	61.0	41.6	32.7	30.1	27.4	26.5	26.5
55°	1054.2	701.3	140.6	78.7	56.6	38.0	30.1	28.3	25.6	23.9	23.9
57.5°	898.5	528.9	97.3	71.6	49.5	34.5	28.3	25.6	23.0	21.2	21.2
60°	687.2	344.9	70.8	65.4	40.7	31.8	26.5	24.8	21.2	19.5	18.6
62.5°	*418.3*	*193.7*	*57.5*	*57.5*	*34.5*	*30.1*	*23.9*	*22.1*	*18.6*	*15.9*	*15.0*
65°	242.3	114.1	46.9	48.6	30.1	27.4	21.2	18.6	15.0	12.4	11.5
67.5°	116.7	66.3	37.1	34.5	26.5	23.0	18.6	15.9	13.3	10.6	9.7
70°	71.6	51.3	28.3	24.8	21.2	17.7	15.0	14.2	11.5	8.8	8.8
72.5°	58.4	41.6	22.1	17.7	15.9	12.4	12.4	11.5	8.8	7.1	6.2
75°	46.0	31.0	16.8	12.4	9.7	9.7	8.8	8.0	7.1	5.3	5.3
77.5°	24.8	21.2	12.4	7.1	5.3	6.2	6.2	5.3	4.4	3.5	3.5
80°	15.9	12.4	7.1	3.5	3.5	3.5	3.5	2.7	2.7	1.8	1.8
82.5°	8.0	6.2	3.5	0.9	1.8	1.8	1.8	1.8	1.8	0.9	0.9
85°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

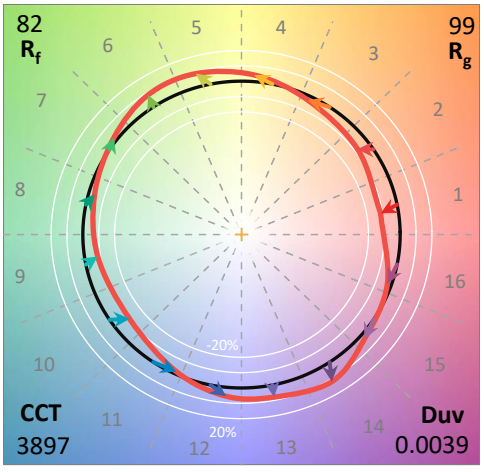
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

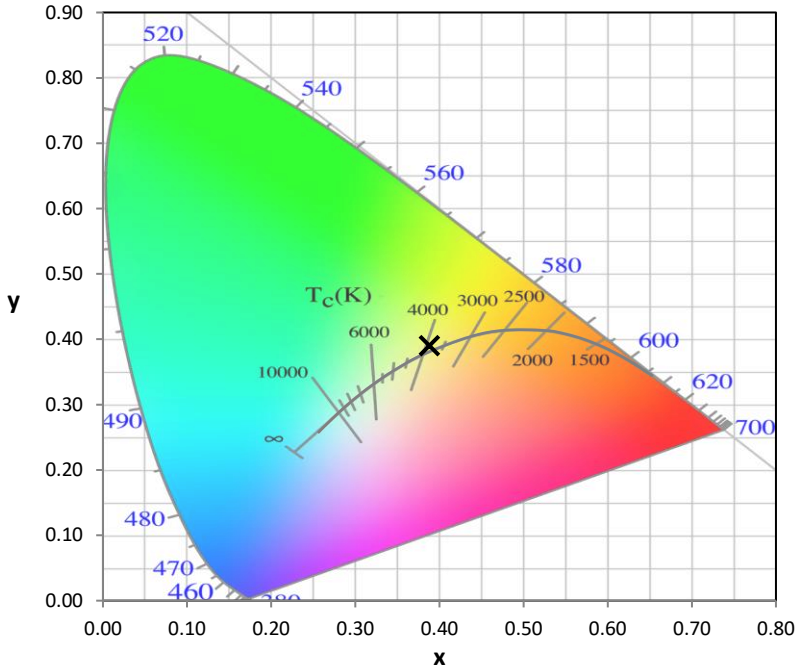
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

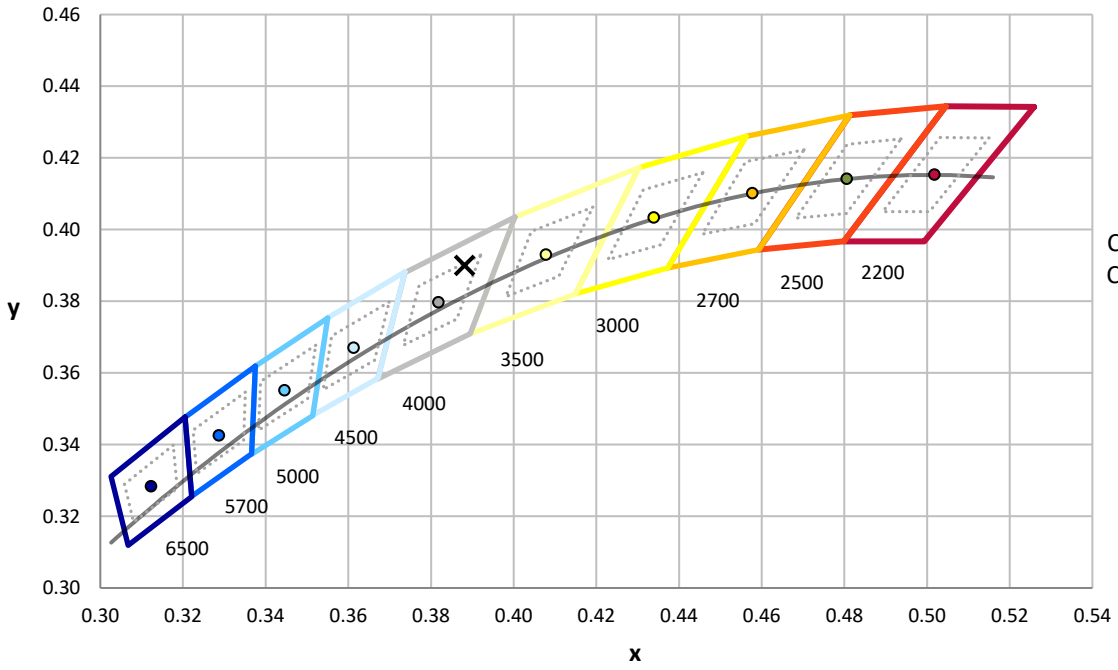
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

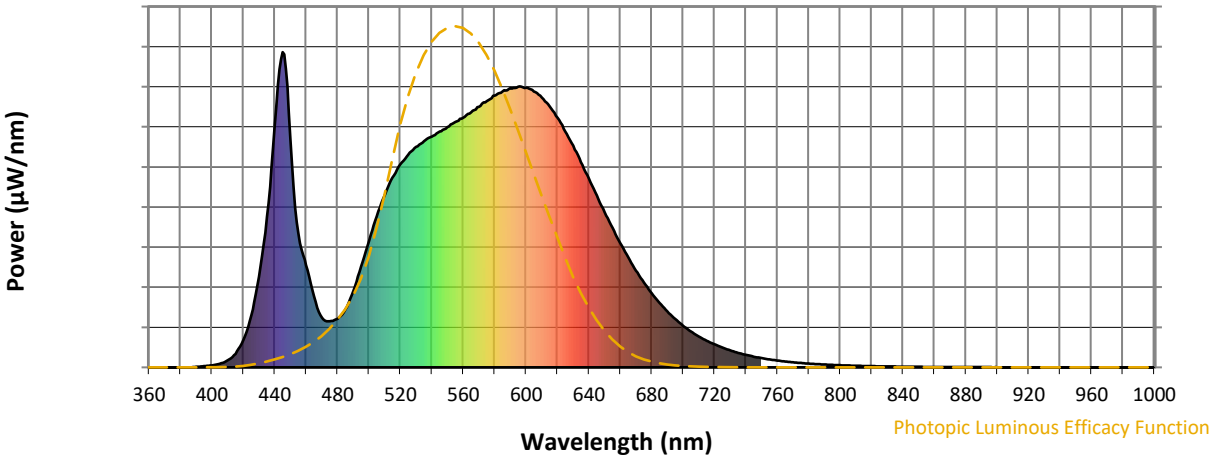


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

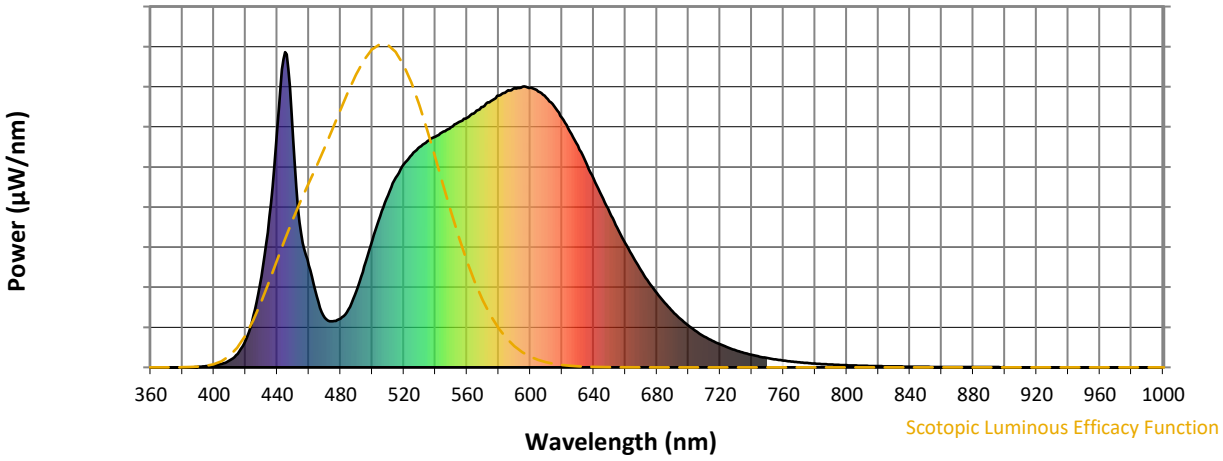


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

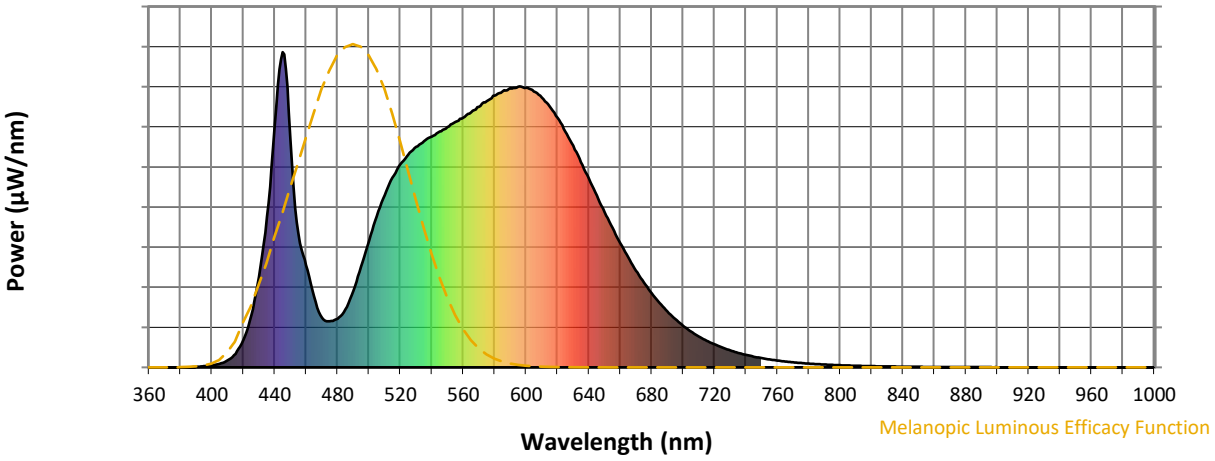


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

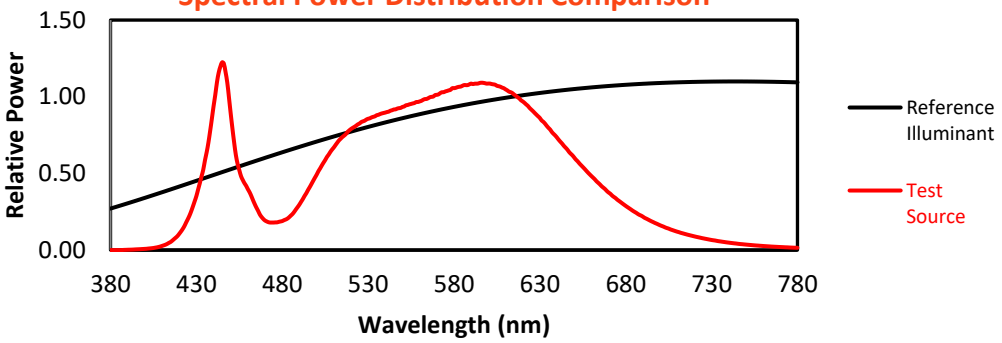
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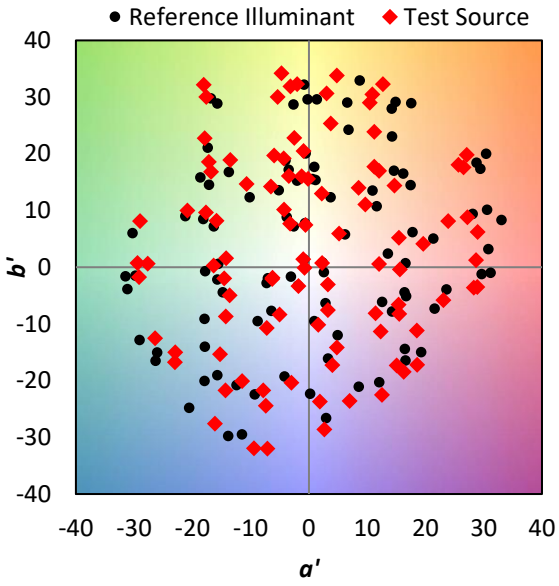
Summary

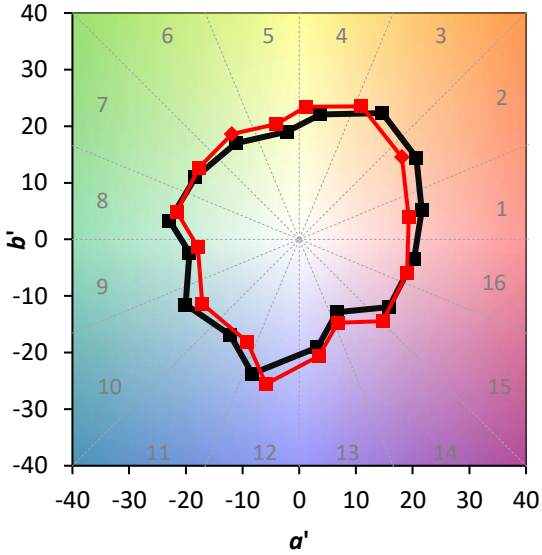
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

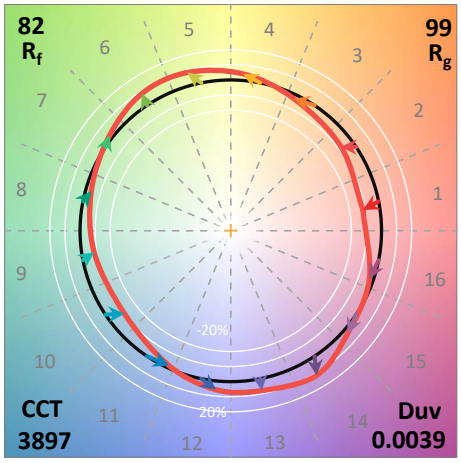
Spectral Power Distribution Comparison

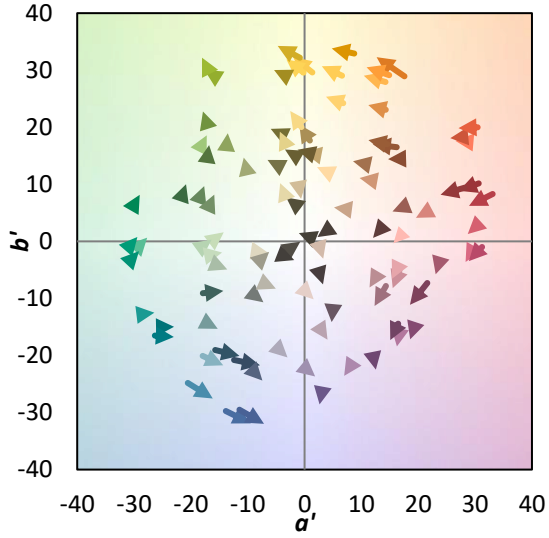


Color Vector Graphics







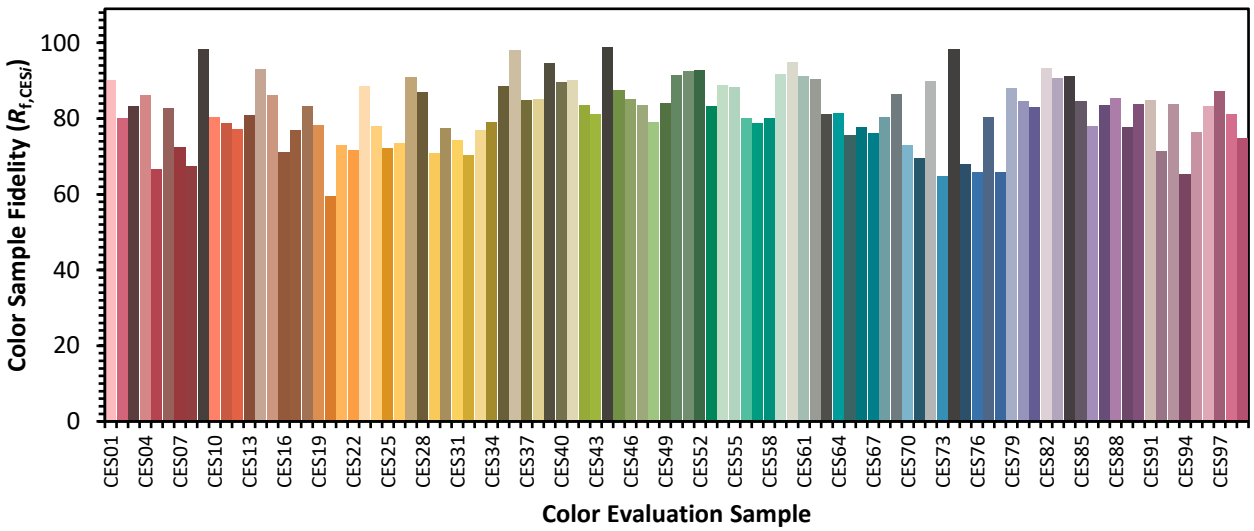


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Individual Sample Fidelity Index ($R_{f,i}$)

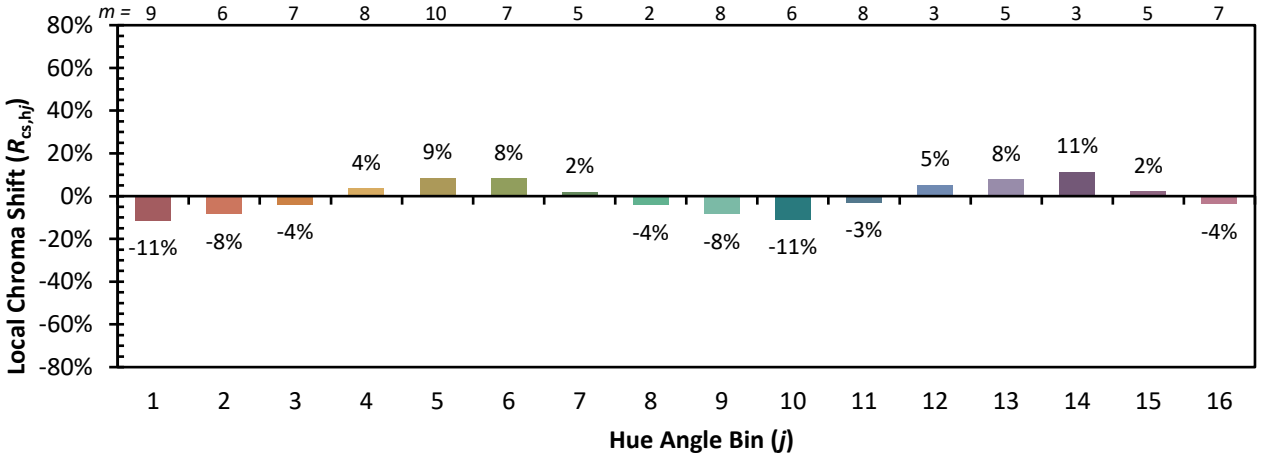
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

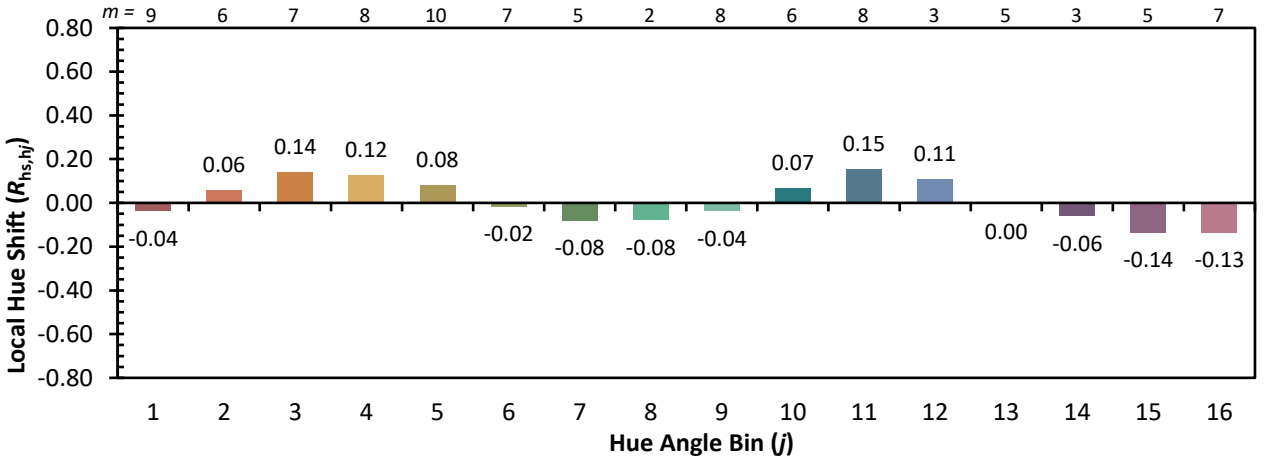


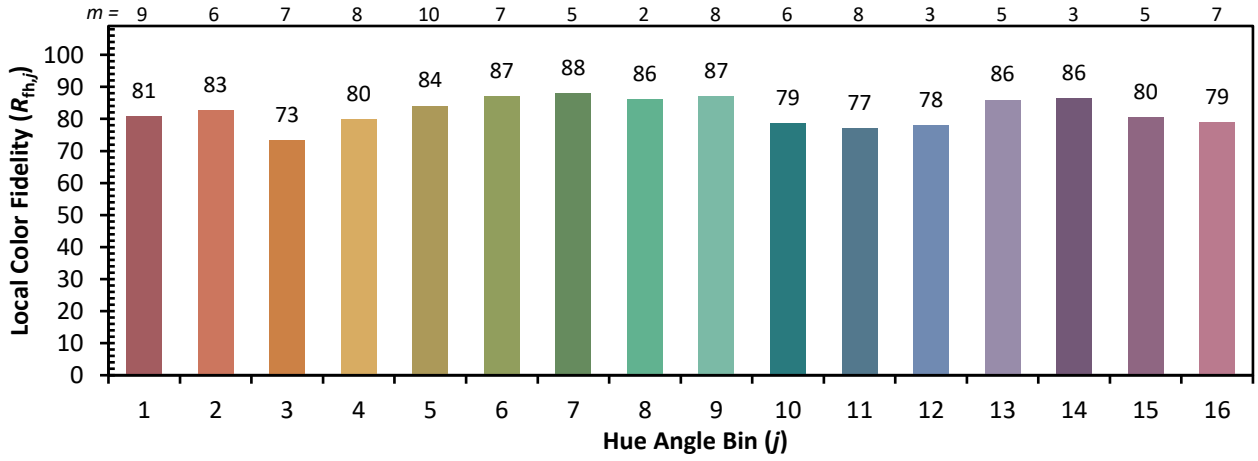
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Color Rendition by Hue-Angle Bin



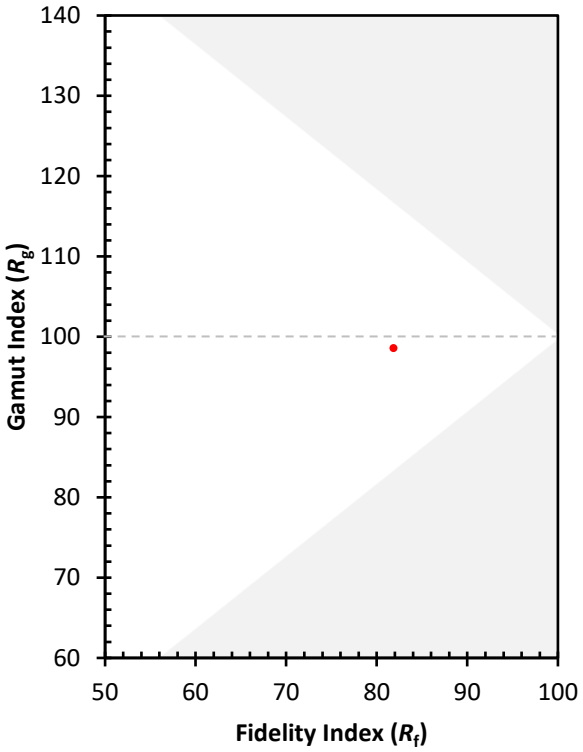


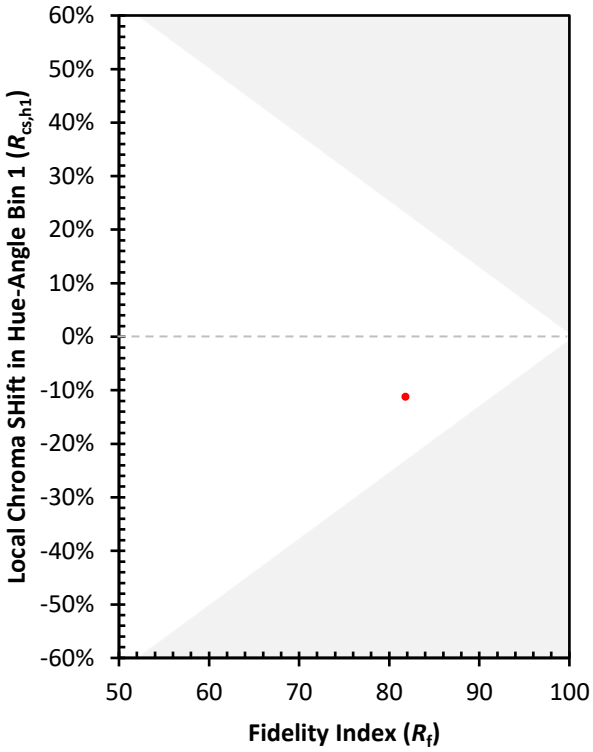


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Measure Comparisons





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