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

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Peachtree City, GA 30269

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: P1500797

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

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:	P1500797
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
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3905.6 lumens
Efficiency:	N/A
Efficacy:	126.0 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

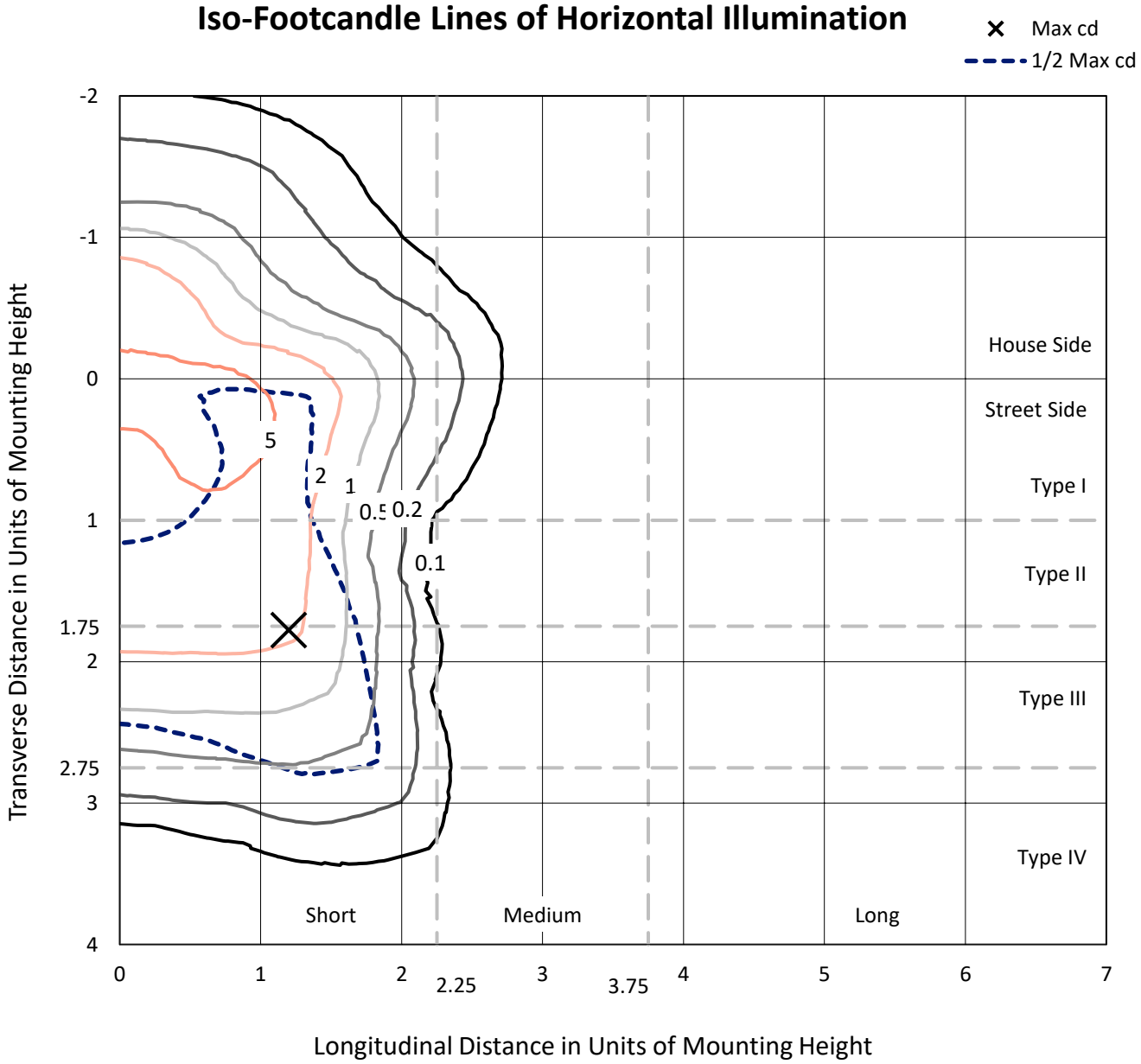
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500797
CATALOG NUMBER: GSS-SB1A-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



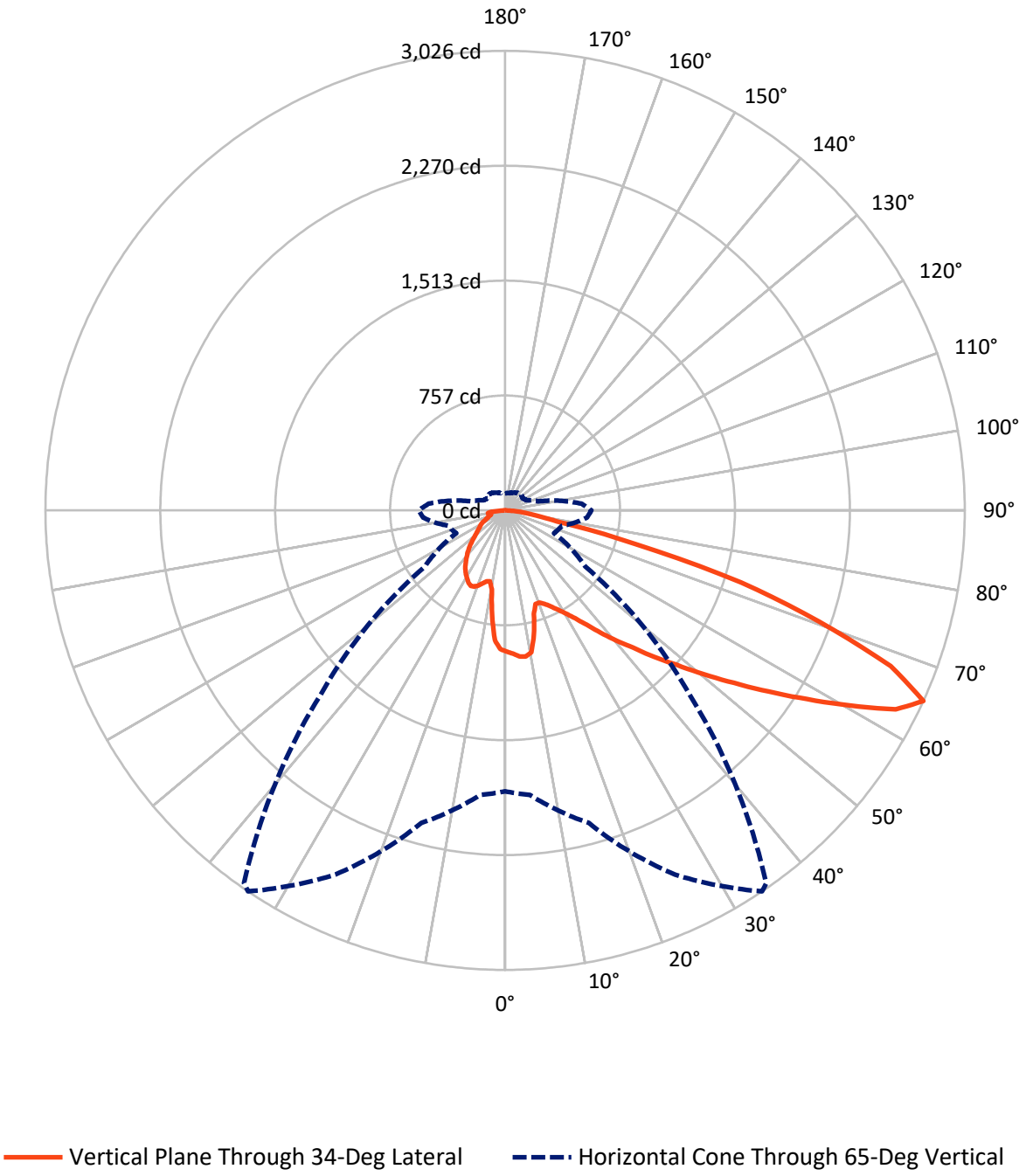
Based on 10 foot mounting height. Maximum calculated value = 9.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1500797
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Luminous Intensity Polar Plot



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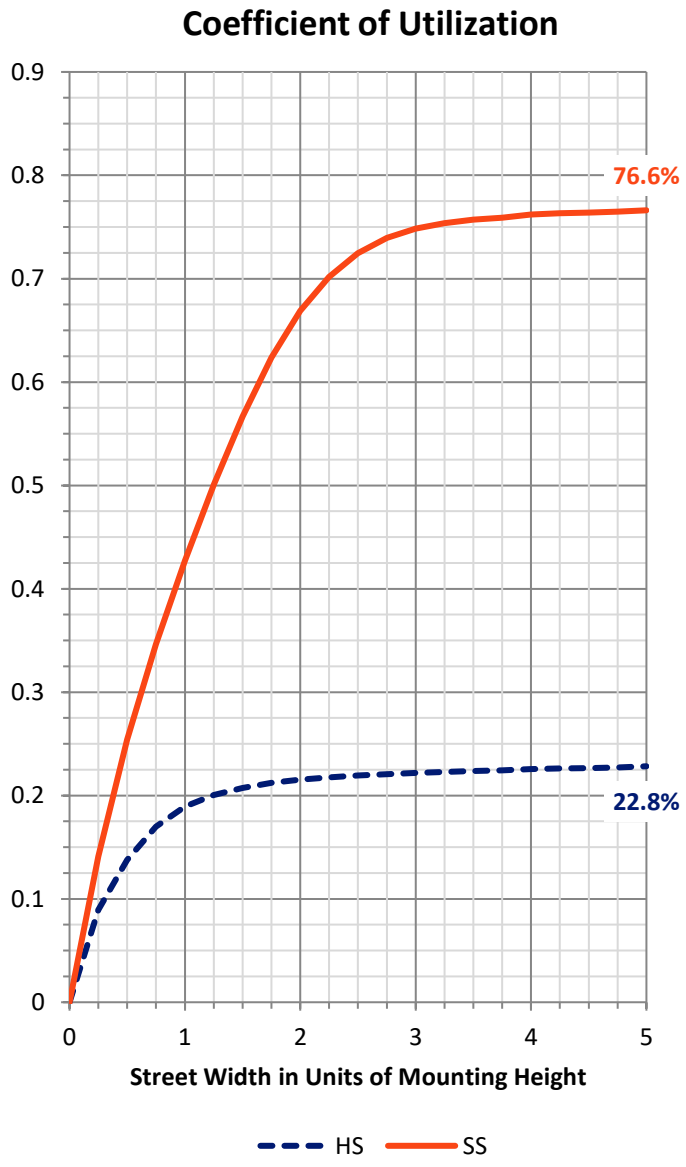
REPORT NUMBER: P1500797
CATALOG NUMBER: GSS-SB1A-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	908.7	0.0	908.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	2996.9	0.0	2996.9
	% Fixture	76.7	0.0	76.7
Total	Lumens	3905.6	0.0	3905.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.7	2.1
10°-20°	210.7	5.4
20°-30°	349.2	8.9
30°-40°	525.2	13.4
40°-50°	735.8	18.8
50°-60°	927.8	23.8
60°-70°	798.0	20.4
70°-80°	237.2	6.1
80°-90°	37.9	1.0
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°	3905.6	100.0
0°-180°	3905.6	100.0



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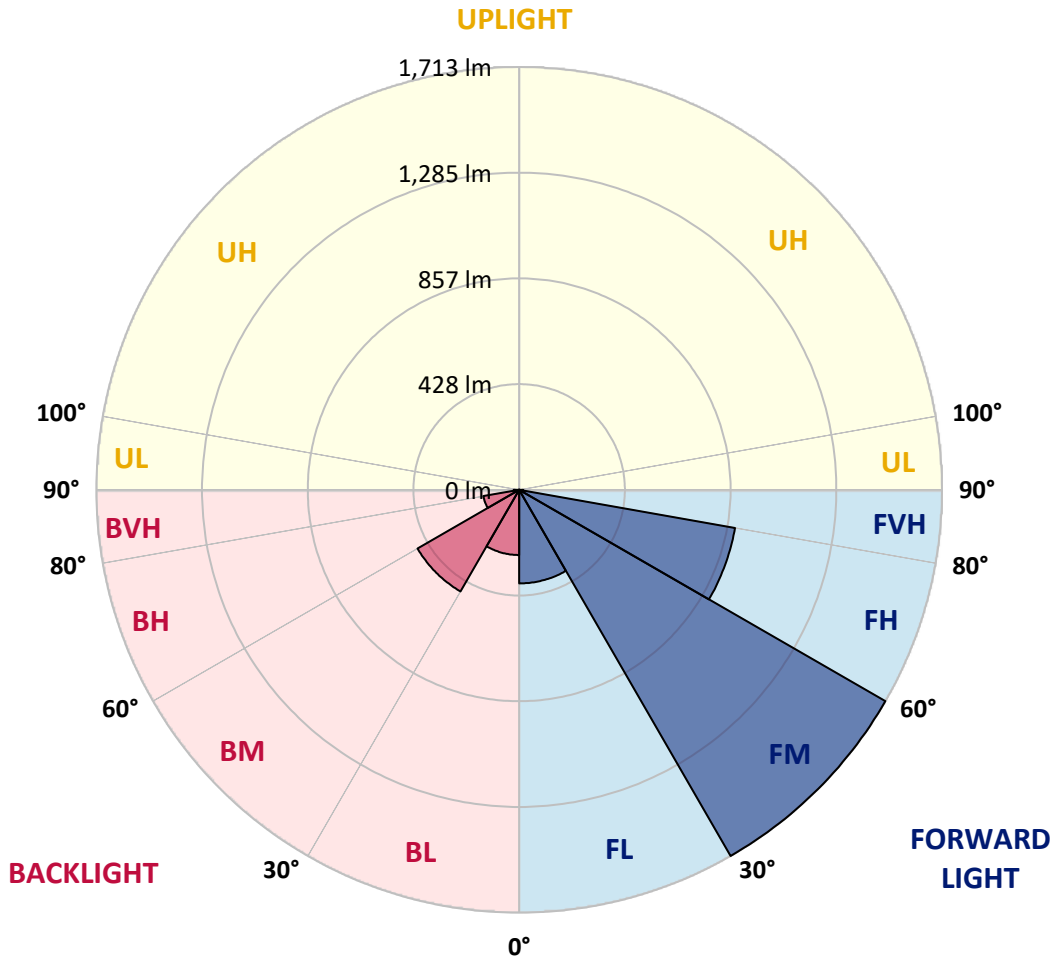
Scaled Data Report

REPORT NUMBER: P1500797
CATALOG NUMBER: GSS-SB1A-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	379.3	9.7			
FM	(30°-60°)	1713.5	43.9			
FH	(60°-80°)	888.2	22.7			G1/1800
FVH	(80°-90°)	16.0	0.4			G1/100
BL	(0°-30°)	264.4	6.8	B1/500		
BM	(30°-60°)	475.4	12.2	B1/1000		
BH	(60°-80°)	147.1	3.8	B1/500		G1/500
BVH	(80°-90°)	21.8	0.6			G1/100
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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REPORT NUMBER: P1500797
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	928.6	928.6	928.6	928.6	*928.6*	928.6	928.6	928.6	928.6	928.6	928.6
2.5°	946.3	951.6	945.4	942.7	*943.6*	944.5	940.1	940.9	935.6	935.6	931.2
5°	966.6	967.5	963.9	966.6	*965.7*	964.8	964.8	963.9	952.4	949.8	945.4
7.5°	955.1	958.6	960.4	970.1	*972.8*	978.1	981.6	983.4	974.6	967.5	956.0
10°	849.9	852.5	872.9	917.1	*950.7*	956.9	989.6	1008.2	1002.0	998.4	979.0
12.5°	679.2	683.6	706.6	764.1	*842.8*	859.6	963.9	1026.7	1040.9	1041.8	1013.5
15°	605.8	605.8	612.9	645.6	*709.2*	722.5	876.4	1032.0	1082.4	1088.6	1054.1
17.5°	590.7	589.9	594.3	613.7	*647.3*	655.3	775.6	1004.6	1132.0	1142.6	1098.4
20°	589.9	587.2	596.1	618.2	*647.3*	654.4	728.7	956.9	1170.9	1204.5	1142.6
22.5°	590.7	590.7	603.1	635.0	*668.6*	674.8	737.5	917.1	1202.7	1269.0	1189.4
25°	600.5	598.7	616.4	655.3	*701.3*	705.7	773.8	915.3	1230.1	1341.6	1246.0
27.5°	616.4	617.3	641.2	688.0	*740.2*	749.0	824.2	953.3	1263.7	1421.1	1300.9
30°	650.0	650.9	679.2	726.9	*787.1*	798.6	882.6	1009.9	1311.5	1506.9	1360.1
32.5°	688.0	692.4	726.9	782.6	*847.2*	853.4	954.2	1094.8	1383.1	1592.7	1423.8
35°	751.7	756.1	795.0	853.4	*925.0*	933.9	1041.8	1193.0	1470.7	1679.4	1473.3
37.5°	833.9	837.5	875.5	946.3	*1022.3*	1031.2	1139.0	1297.3	1559.1	1748.4	1517.5
40°	932.1	940.1	980.7	1049.7	*1126.7*	1132.0	1245.2	1398.2	1654.6	1796.1	1535.2
42.5°	1039.1	1047.1	1088.6	1164.7	*1235.4*	1251.4	1360.1	1505.2	1732.4	1817.3	1521.1
45°	1176.2	1174.4	1213.3	1292.9	*1376.0*	1382.2	1483.1	1593.6	1779.3	1799.6	1506.9
47.5°	1342.4	1344.2	1369.0	1433.5	*1519.3*	1533.5	1611.3	1669.6	1806.7	1785.5	1491.0
50°	1529.9	1534.3	1555.6	1602.4	*1694.4*	1704.1	1727.1	1722.7	1823.5	1755.4	1497.2
52.5°	1717.4	1720.1	1748.4	1797.9	*1887.2*	1894.3	1843.9	1763.4	1760.7	1634.3	1483.9
55°	1871.3	1870.4	1920.8	1996.9	*2105.6*	2101.2	1958.8	1732.4	1564.4	1445.9	1424.7
57.5°	2004.8	2010.1	2075.6	2207.3	*2344.4*	2340.9	2081.8	1568.8	1277.9	1223.1	1328.3
60°	2125.1	2137.5	2260.4	2457.6	*2608.8*	2587.6	2103.9	1322.1	994.0	957.7	1137.3
62.5°	2072.9	2095.9	2293.1	2677.8	*2885.6*	2838.8	1967.7	1024.1	673.0	640.3	803.9
65°	*1850.1*	*1881.0*	*2131.3*	*2646.0*	*3026.2*	*2997.1*	*1720.1*	*643.8*	*354.6*	*389.1*	*541.2*
67.5°	1553.8	1590.9	1861.6	2377.1	*2737.9*	2675.2	1336.3	338.7	165.4	256.5	336.1
70°	851.6	943.6	1346.0	2021.6	*2193.2*	2105.6	772.9	160.1	120.3	160.1	200.7
72.5°	320.1	342.2	583.7	1359.2	*1624.5*	1516.7	293.6	103.5	100.8	118.5	145.0
75°	153.9	164.5	253.8	618.2	*887.0*	826.9	144.1	76.9	86.7	92.9	105.2
77.5°	92.0	99.0	158.3	359.0	*349.3*	321.0	88.4	59.3	69.9	66.3	61.9
80°	54.8	61.0	96.4	204.3	*210.5*	186.6	53.9	41.6	48.6	42.4	38.0
82.5°	31.8	34.5	50.4	92.0	*133.5*	122.9	31.0	24.8	35.4	28.3	21.2
85°	15.9	16.8	23.0	39.8	*66.3*	50.4	13.3	11.5	16.8	12.4	7.1
87.5°	3.5	3.5	3.5	4.4	*6.2*	6.2	1.8	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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Scaled Data Report

REPORT NUMBER: P1500797
CATALOG NUMBER: GSS-SB1A-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	928.6	928.6	928.6	928.6	928.6	928.6	928.6	928.6	928.6	928.6	928.6
2.5°	930.3	932.1	925.9	918.8	917.1	911.8	913.5	910.0	904.7	905.6	906.5
5°	939.2	935.6	923.3	907.3	893.2	877.3	858.7	837.5	822.4	816.3	821.6
7.5°	947.1	943.6	922.4	887.0	839.2	772.9	703.9	641.2	597.8	581.9	585.4
10°	969.2	955.1	916.2	839.2	725.2	599.6	529.7	490.8	477.5	470.5	471.4
12.5°	998.4	979.0	904.7	756.1	583.7	504.1	479.3	470.5	466.1	464.3	466.1
15°	1033.8	1003.7	877.3	651.8	518.2	487.3	482.0	482.9	482.9	483.7	483.7
17.5°	1064.8	1017.9	827.8	576.6	505.0	496.1	501.4	505.8	505.8	506.7	505.8
20°	1093.1	1025.0	764.1	544.8	507.6	512.0	524.4	528.8	529.7	528.8	528.8
22.5°	1123.1	1029.4	700.4	527.1	513.8	527.1	540.3	546.5	548.3	549.2	550.1
25°	1152.3	1020.5	648.2	512.9	511.2	529.7	544.8	552.7	554.5	554.5	555.4
27.5°	1181.5	1017.9	612.9	494.4	498.8	513.8	531.5	542.1	549.2	550.1	550.9
30°	1215.1	1009.9	579.2	469.6	471.4	489.9	508.5	527.1	541.2	547.4	547.4
32.5°	1238.1	1002.0	549.2	443.1	443.1	462.5	485.5	508.5	528.8	541.2	543.9
35°	1260.2	994.9	522.6	416.5	417.4	436.0	459.9	484.6	510.3	525.3	532.4
37.5°	1271.7	987.8	504.1	396.2	392.7	412.1	428.0	448.4	475.8	500.5	506.7
40°	1274.3	987.8	502.3	382.0	367.0	389.1	396.2	410.3	435.1	461.6	471.4
42.5°	1256.7	978.1	511.2	373.2	340.5	356.4	364.4	371.4	387.3	409.5	417.4
45°	1235.4	964.8	519.1	360.8	307.8	320.1	332.5	333.4	340.5	345.8	351.1
47.5°	1217.7	950.7	505.0	337.8	274.1	283.0	296.3	296.3	292.7	282.1	278.6
50°	1231.9	955.1	481.1	305.1	243.2	249.4	263.5	255.6	247.6	225.5	222.9
52.5°	1244.3	971.9	452.8	273.3	216.7	222.9	237.0	224.6	208.7	191.0	188.4
55°	1223.9	972.8	400.6	237.9	198.1	203.4	216.7	201.6	186.6	176.0	174.2
57.5°	1162.9	946.3	345.8	210.5	182.2	187.5	199.9	184.8	170.7	169.8	174.2
60°	1028.5	853.4	295.4	192.8	167.1	173.3	185.7	169.8	151.2	143.3	145.9
62.5°	776.5	656.2	252.9	172.4	153.0	161.0	169.8	144.1	128.2	124.7	121.2
65°	*567.8*	*504.1*	*227.3*	*156.5*	*139.7*	*149.5*	*142.4*	*128.2*	*117.6*	*114.1*	*112.3*
67.5°	367.0	342.2	195.4	141.5	127.3	135.3	125.6	118.5	107.0	105.2	107.9
70°	224.6	232.6	163.6	124.7	115.0	113.2	115.0	107.9	95.5	98.2	101.7
72.5°	159.2	171.6	140.6	108.8	98.2	94.6	102.6	98.2	89.3	92.0	95.5
75°	114.1	127.3	115.8	89.3	83.1	81.4	95.5	98.2	92.0	93.7	96.4
77.5°	67.2	81.4	82.2	69.0	62.8	72.5	101.7	113.2	108.8	103.5	100.8
80°	43.3	48.6	58.4	44.2	44.2	62.8	111.4	138.0	118.5	105.2	103.5
82.5°	22.1	25.6	38.0	28.3	26.5	46.9	109.7	131.8	130.9	116.7	114.1
85°	6.2	8.0	17.7	12.4	10.6	24.8	82.2	99.0	88.4	64.6	65.4
87.5°	0.9	0.9	0.0	0.0	0.9	3.5	9.7	1.8	1.8	1.8	1.8
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: SP1-2407-184-11

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

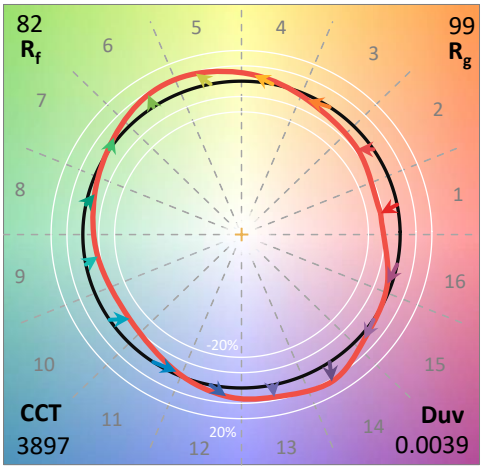
Test Information

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

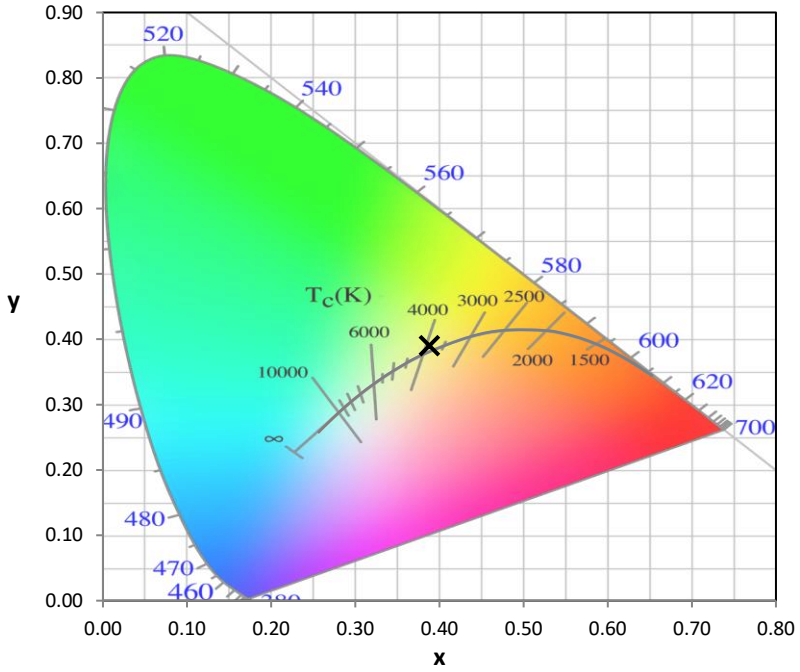
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

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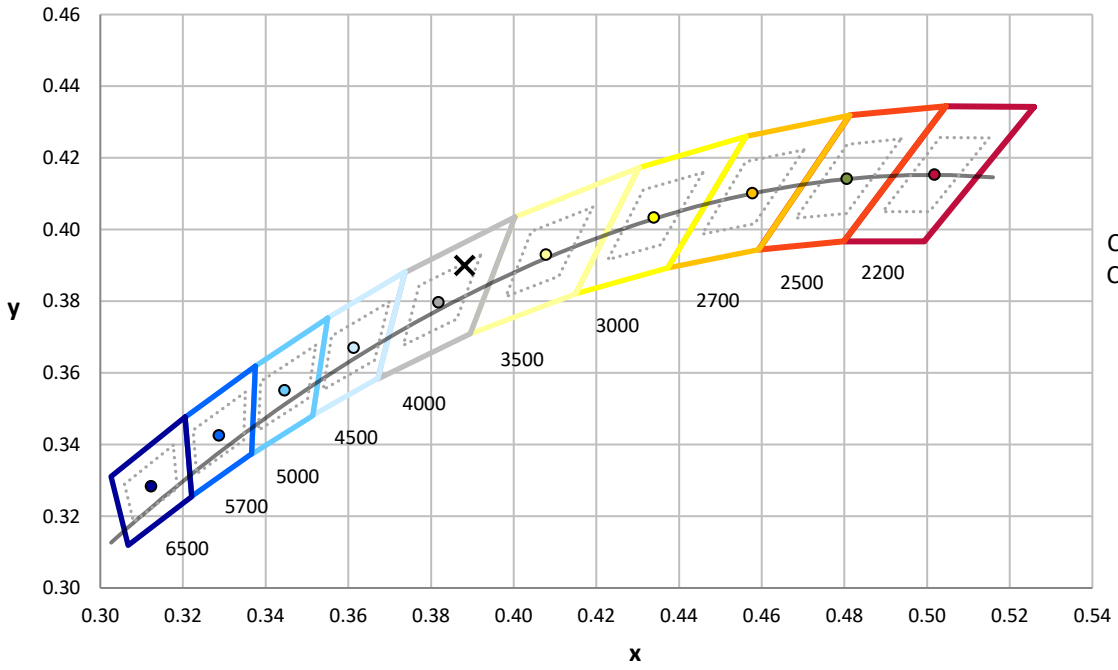
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

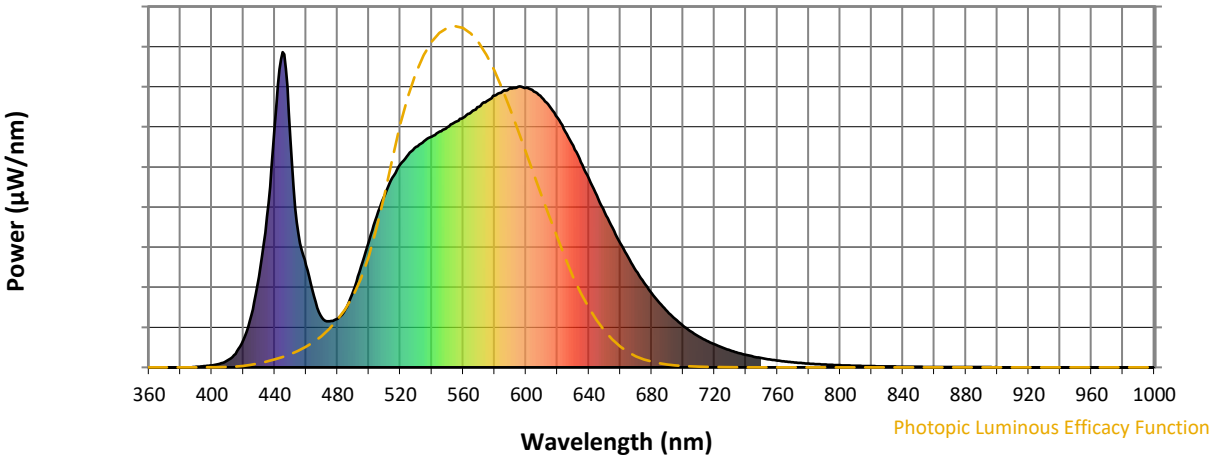


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

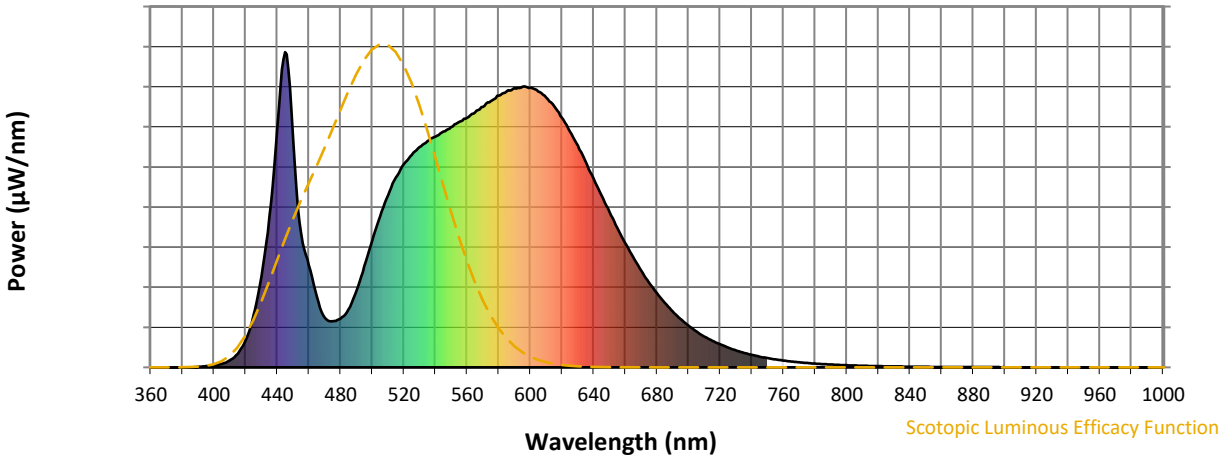


Photopic Lumens: NR

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	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

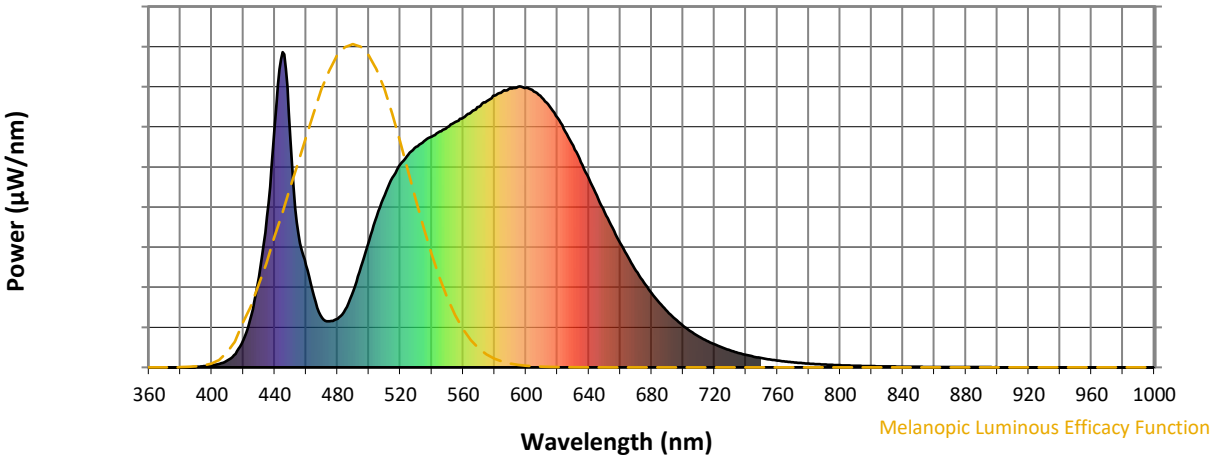


Scotopic Lumens: NR **S/P: 1.57**

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			

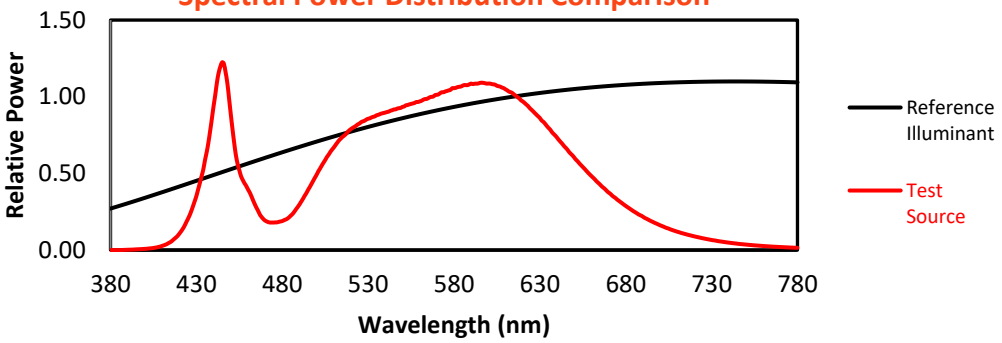
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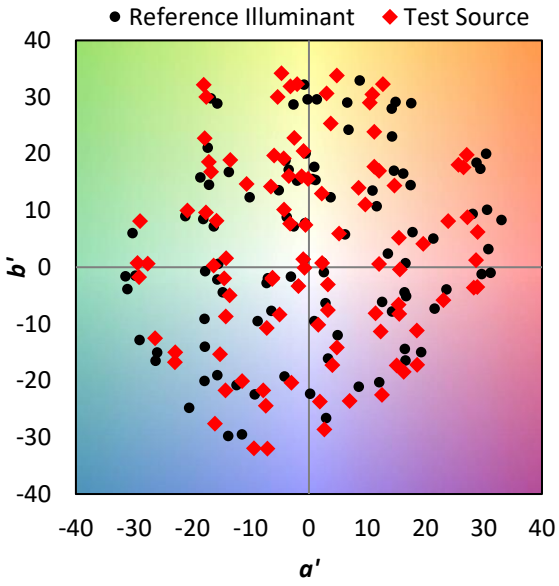
Summary

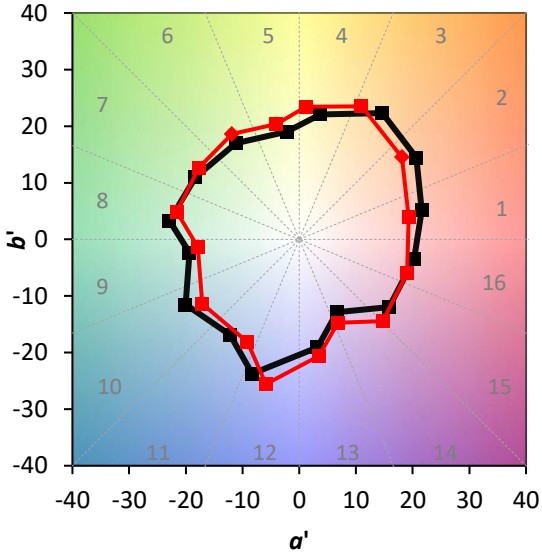
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

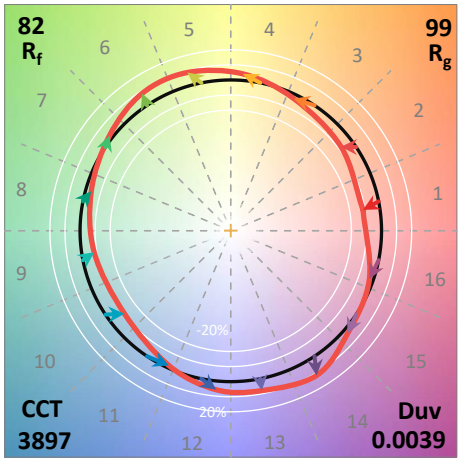
Spectral Power Distribution Comparison

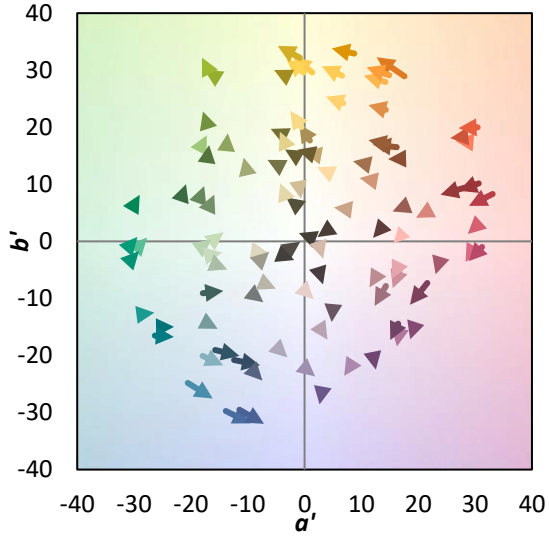


Color Vector Graphics







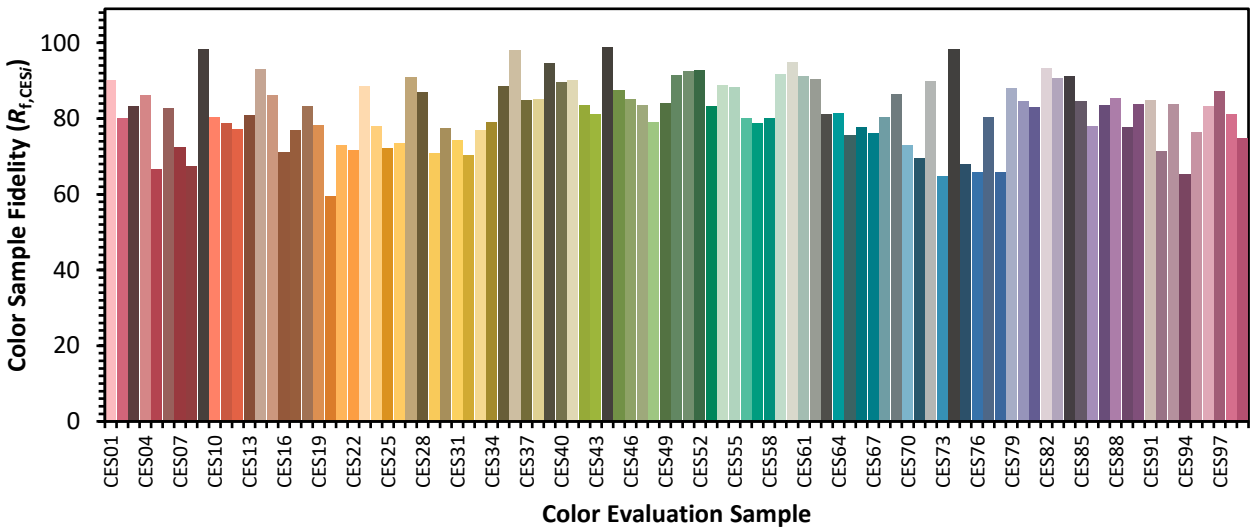


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Individual Sample Fidelity Index ($R_{f,i}$)

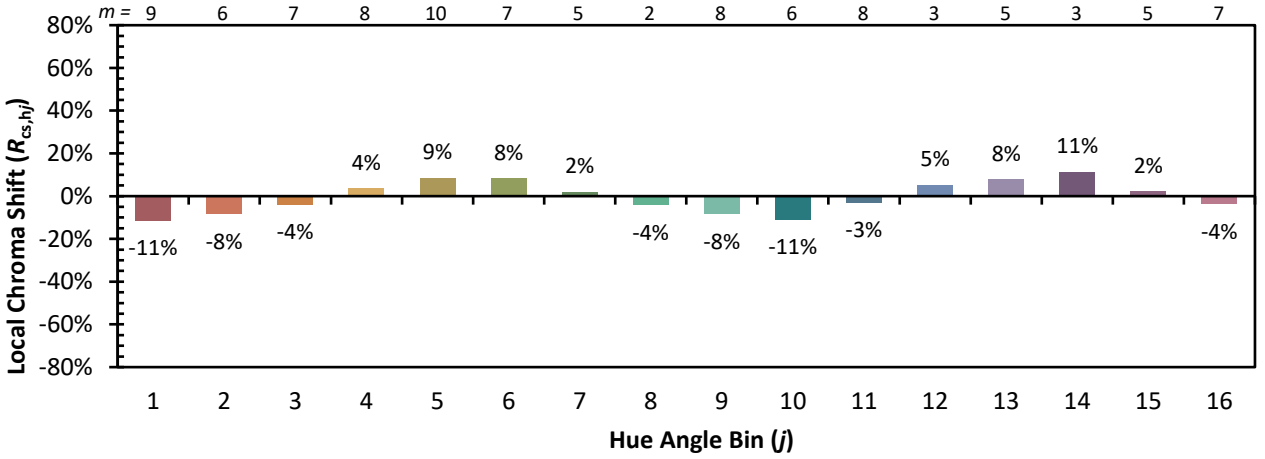
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

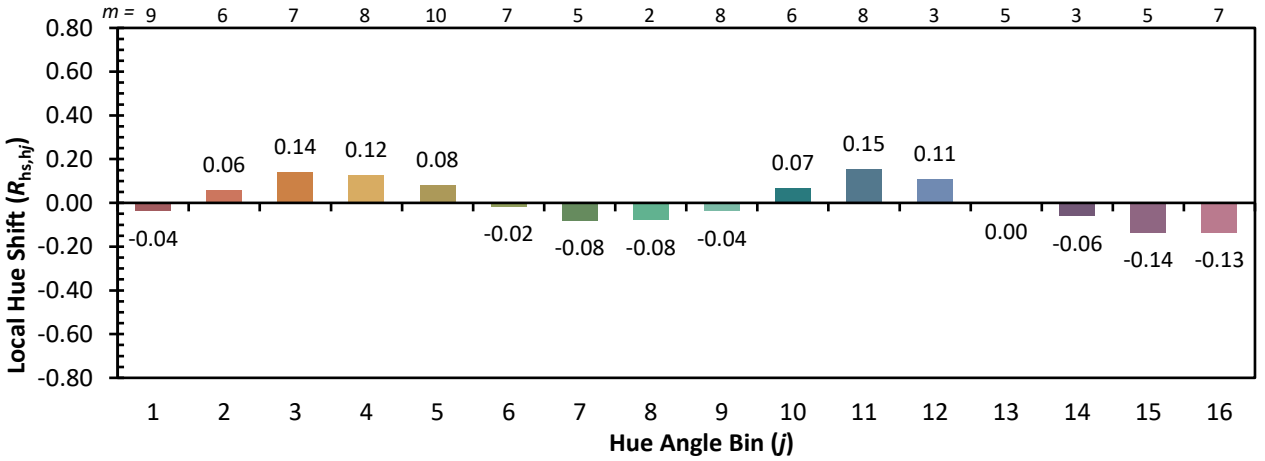


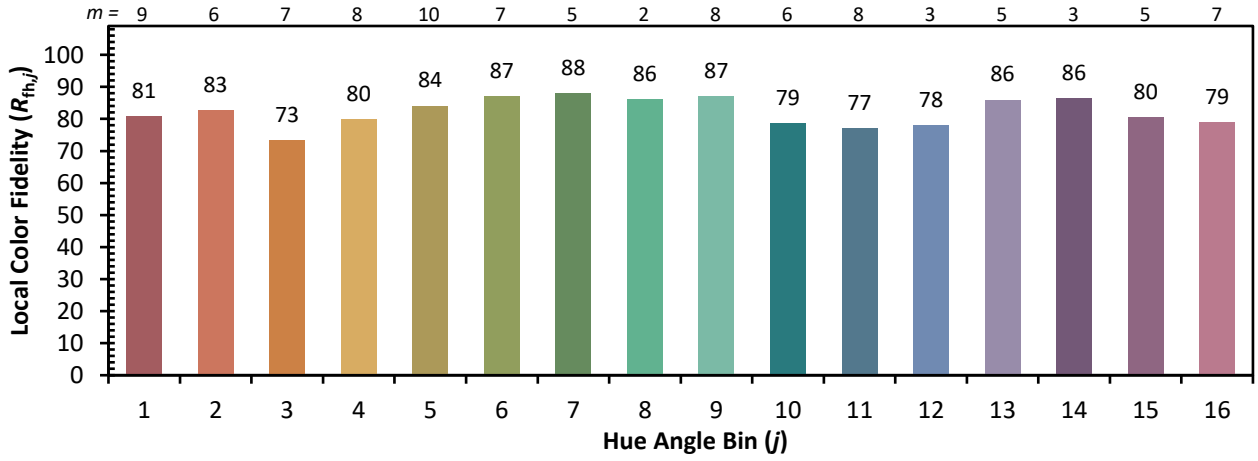
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Color Rendition by Hue-Angle Bin



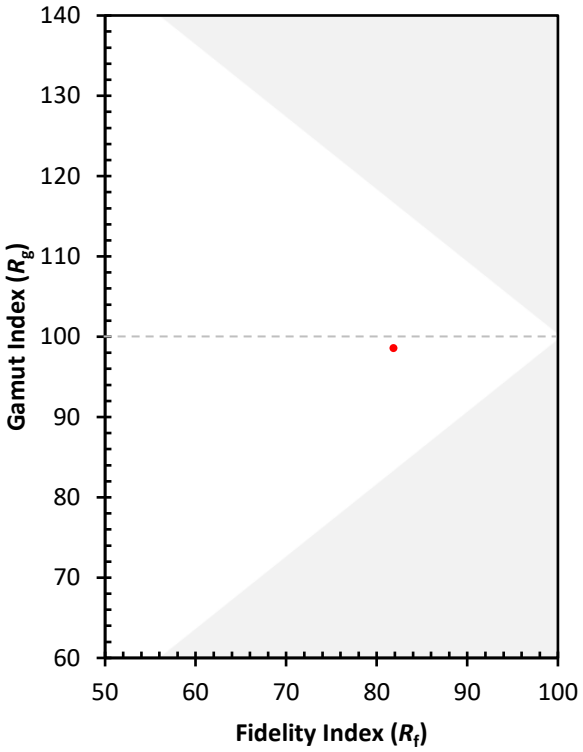


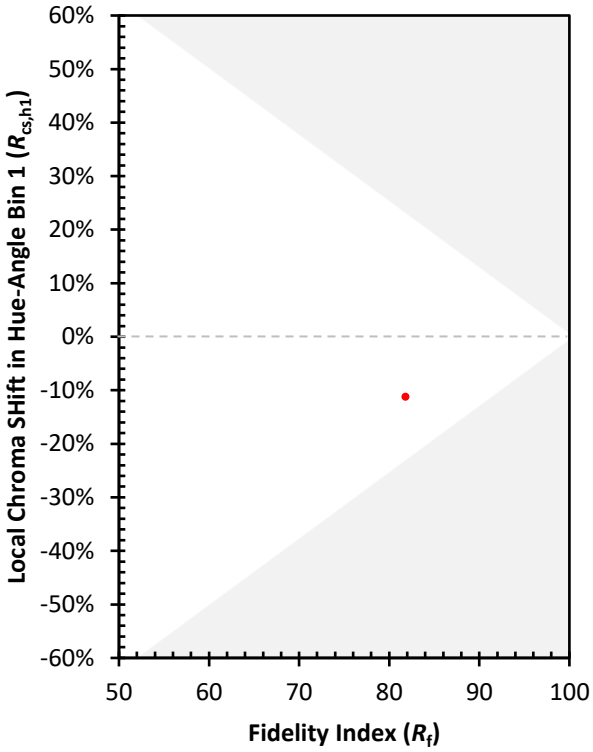


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Measure Comparisons





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